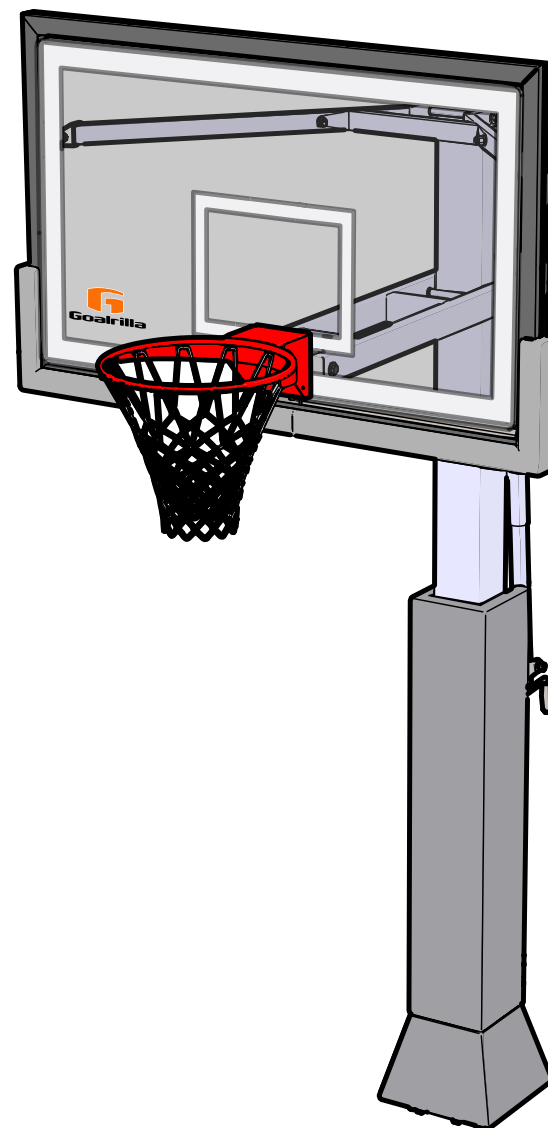


Goalrilla™

TN60 TINTED WITH
HINGED ANCHOR

MODEL NO.
B3630W



**Please Do Not Return This
Product to the Store!**

Contact Escalade® Sports customer service department at:
Phone: 1-800-467-1421
Fax: 1-866-873-3536
E-mail: basketball@escaladesports.com

ESCALADE®
SPORTS

2L-8062-00

2025 Escalade® Sports

WARNING

FAILURE TO FOLLOW THESE WARNINGS MAY RESULT IN SERIOUS INJURY AND/OR PROPERTY DAMAGE.

Owner must ensure that all players know and follow these rules for safe operation of the system.

- Only hang from the rim briefly to regain balance or avoid injuring others. Release the rim as soon as safely possible.
- DO NOT HANG on the rim or any part of system including backboard, support braces or net.
- During play, especially when performing dunk type activities, keep players face away from the backboard, rim, and net. Serious injury could occur if teeth/face encounter backboard, rim, or net.
- Wear a mouthguard when playing to avoid dental injuries.
- Do not slide, climb, or play on pole.
- During Play, do not wear jewelry (rings, watches, necklaces, etc.). Objects may entangle in net or other areas of structure.
- Do not allow children to adjust system.
- When adjusting height, keep hands and fingers away from moving parts.
- Keep water and organic material away from pole. Pole can rust and fail.
- Once a month check pole and all metal parts for rust. Completely remove rust and repaint with exterior enamel. If rust has penetrated any steel part, replace that part immediately.
- Check system before each use for loose hardware, signs of rust and instability. Repair before each use. Never play on damaged equipment.
- Do not use this system to lift or hoist anything. The mechanism is designed to lift only the weight of the backboard and rim. Do not hang anything from the handle, rim, backboard, or lifter arms as this will damage the system and void the warranty.
- Refer to product manual for assembly instructions.

4L-8090-03

SAFETY INSTRUCTIONS

FAILURE TO FOLLOW THESE SAFETY INSTRUCTIONS MAY RESULT IN SERIOUS INJURY, PROPERTY DAMAGE AND WILL VOID WARRANTY.

Owner must ensure that all players know and follow these rules for safe operation of the system.

To ensure safety, do not attempt to assemble this system without following the instructions carefully. Proper and complete assembly, use and supervision is essential for proper operation and to reduce the risk of accident or injury. A high probability of serious injury exists if this system is not installed, maintained, and operated properly.

- If using a ladder during assembly, use extreme caution.
- 5 people are recommended for this operation.
- Seat the pole sections properly (if applicable). Failure to do so could allow the pole sections to separate during play.
- Before digging contact utility company to locate underground power cables, gas and water lines. Ensure there are no overhead power lines within 20 ft. (7m) radius of pole location.
- Climate, corrosion or misuse could result in system failure.
- If technical assistance is required, contact our Customer Service department. The contact information is located on the cover page & page 2.
- Minimum operational height is 6'6" (1.98m) to the bottom of backboard.

*Most injuries are caused by misuse and/or not following instructions.
Use caution when using this system.*

WARNING

**FAILURE TO FOLLOW THESE WARNINGS MAY RESULT IN
SERIOUS INJURY AND/OR PROPERTY DAMAGE.**

- Only hang from the rim of GROUND BASED SYSTEMS briefly to regain balance or avoid injuring others. Release the rim as soon as possible. **DO NOT DUNK OR HANG ON WALLMOUNT SYSTEMS.**
- During play, do not wear jewelry (rings, watches, necklaces, etc.) Objects may entangle in net or other areas of structure.
- Wear mouth guard during playing to avoid dental injuries.
- Do not allow children to adjust the system.
- See mounting structure for additional warnings.



DANGER

Failure to comply with these warnings will result in serious injury or death.

- Do not attempt to install the bracket without reading and following all instructions. Please read all precautions in the user's manuals before installing this equipment.
- 4 capable adults required when raising system.
- Only adults should assemble this product. Do not allow children in the assembly area until assembly is complete.
- Never leave assembly unattended.
- Only use on specified Goalrilla basketball goals.
- Installation space should be clear of loose tools, hardware, and system components.
- Do not push or pull down, sit, climb, or hang from any part until the system is fully secure and assembly process is complete.
- Before raising the system, fully extend the actuator so that the backboard is at its lowest position.
- Stay clear from underneath backboard, rim, and pole throughout the entire installation process.
- Keep hands and feet away from the installation bracket when raising the system.
- The installation bracket must remain in place until pole is raised and anchor hardware is installed.
- After raising the system, do not release until anchor hardware has been installed.

4L-8959-00

PRE-ASSEMBLY TIPS

1. **Read this manual carefully before starting assembly.** Read each step completely before beginning each step.
2. **Some smaller parts may be shipped inside larger parts.** Check inside all parts and cartons before assembling or ordering parts.
3. **To make assembly easier, use the Parts List and Hardware Identifier on pages 5-10 to identify and sort all components.** Check all cartons for kits. All hardware may not be located in one kit.
4. **Do not tighten hardware until instructed to do so.** If hardware is tightened too soon, mounting holes may not align and parts may not easily fit together. Leave locknuts slightly loose until you are instructed to tighten them.
5. **An electric screwdriver is helpful in assembly.** However, please set at low torque and use caution because you could over-tighten the hardware and strip the screws.
6. **Save these instructions and your proof of purchase (receipt) in the event that the manufacturer has to be contacted for replacement parts.**

Tools required for assembly:

1 - 3/8" Drive Ratchet	1 - Phillips Screwdriver
1 - 15/16" open end wrench	1 - Level
1 - 15/16" socket and ratchet (optional)	1 - Tape Measure
1 - 9/16" Deep Well Socket & Ratchet	1 - Rubber Mallet
1 - 3/4" Socket & Ratchet	1 - Pair of Safety Glasses
1 - 3/4" Open end Wrench	1 - Step Ladder
1 - Cordless Drill & 9/64" Drill Bit	
1 - 5/16" Hex Nut Socket Driver	
(Used for screws H17)	

Please visit our Website at:

www.Goalrilla.com

ON-LINE TROUBLE SHOOTING TECHNICAL ASSISTANCE
PRODUCT REGISTRATION FREQUENTLY ASKED QUESTIONS
ADDITIONAL GOALRILLA PRODUCT INFORMATION



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Contact Escalade® Sports customer service department at:

Phone: 1-800-467-1421

E-mail: basketball@escaladesports.com

Escalade Sports

Physical Location:

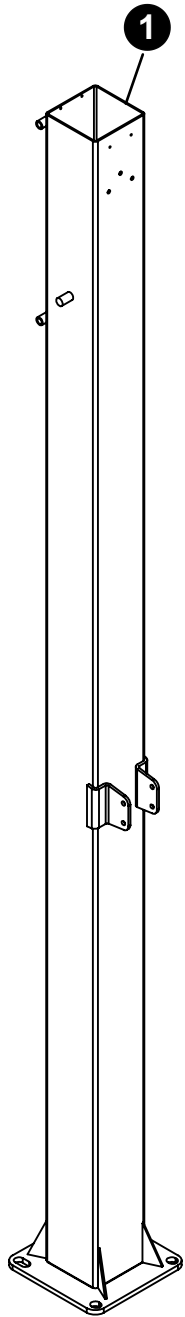
817 Maxwell Ave.
Evansville, IN 47711

Mailing Address: (Correspondence Only)

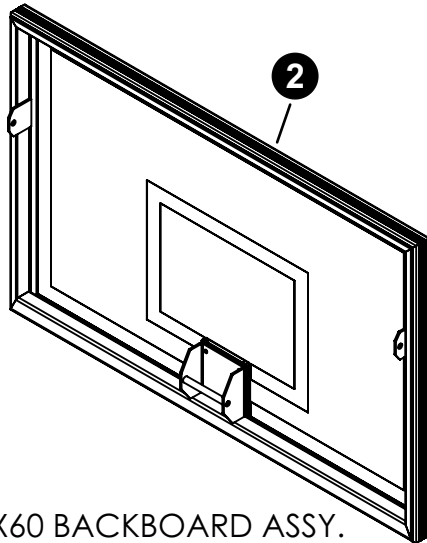
PO Box 889
Evansville, IN 47706

ESCALADE®
S P O R T S

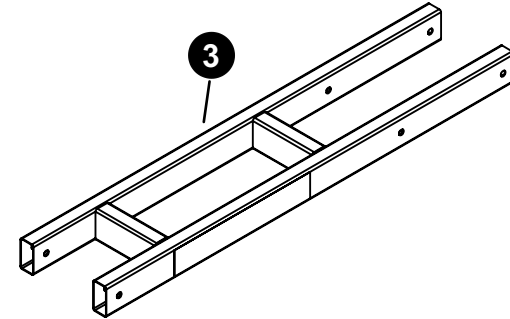
PARTS LIST (NOT ACTUAL SIZE)



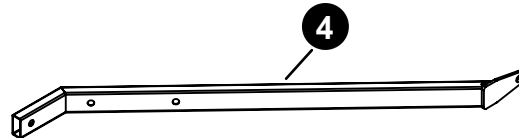
HINGED B3010 POST ASSY.
CV60 POLE
QTY. 1



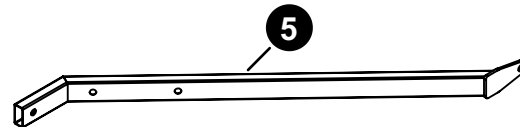
38X60 BACKBOARD ASSY.
6A-7480-00
QTY. 1



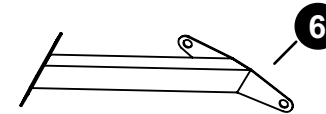
LOWER BOARD ARM
1A-7651-00
QTY. 1



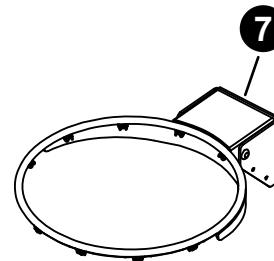
UPPER BOARD ARM RIGHT HAND
1A-7672-01
QTY. 1



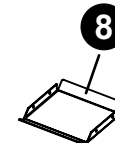
UPPER BOARD ARM LEFT HAND
1A-7673-01
QTY. 1



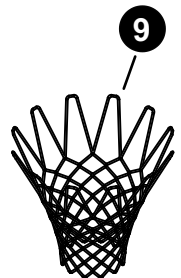
CV Cross Brace for Upper Board Arms
1A-7671-01
QTY. 1



GOAL ASSEMBLY
6A-6328-02
(QTY. 1)

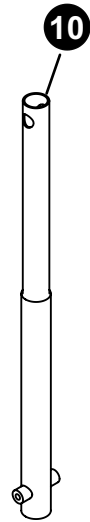


RIM COVER PLATE
2S-6421-00
(QTY. 1)

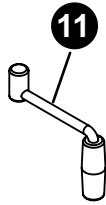


NET
3F-6010-00
(QTY. 1)

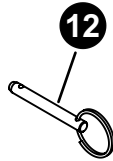
PARTS LIST (NOT ACTUAL SIZE)



ACTUATOR
4A-7081-00
(QTY. 1)



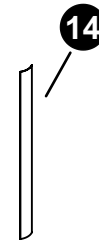
ACTUATOR HANDLE
4A-6550-00
(QTY. 1)



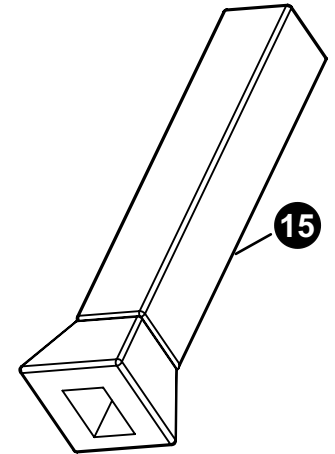
PULL PIN
7B-6255-00
(QTY. 1)



POST EAR-BLACK
2S-6794-00
(QTY. 2)

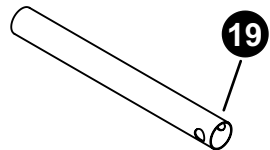


HEIGHT DECAL
4L-8126-00
(QTY. 1)
Note: Packed with the
instructions manual.

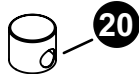


UNIVERSAL POLE PAD
3M-8926-00
(QTY. 1)

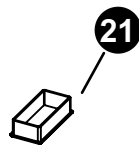
PRE-ASSEMBLED PARTS



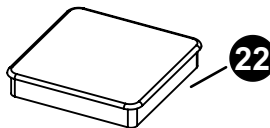
ACTUATOR SLEEVE
2M-6160-00
(QTY. 1)



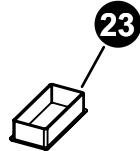
ACTUATOR CAP
3M-8939-00
(QTY. 1)



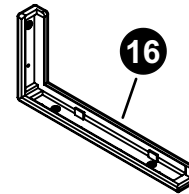
1" X 2" UPPER ARM CAP
3M-6274-00
(QTY. 2)



6" X 6" TUBE CAP
3M-6838-00
(QTY. 1)



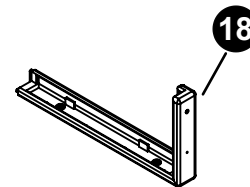
1 9/16" X 3 1/8" LOWER ARM CAP
3M-6834-00
(QTY. 4)



BOARD PAD - RIGHT
3M-8943-00 PAD
QTY.

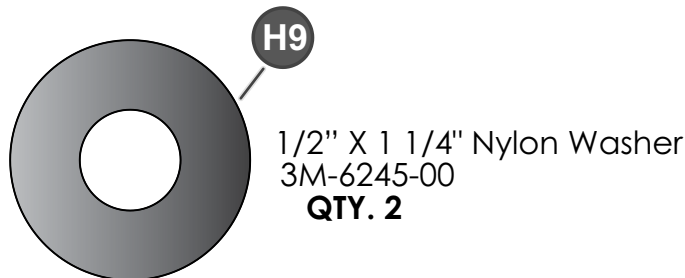
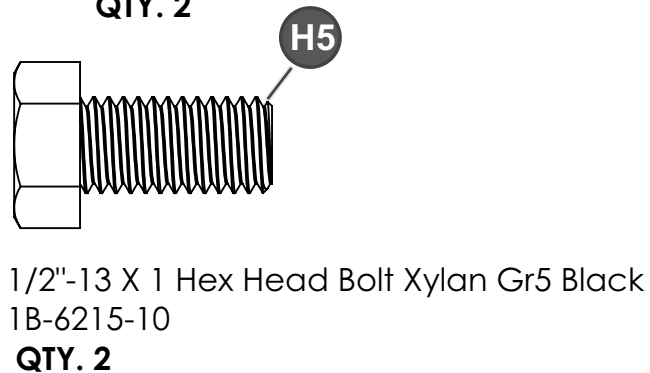
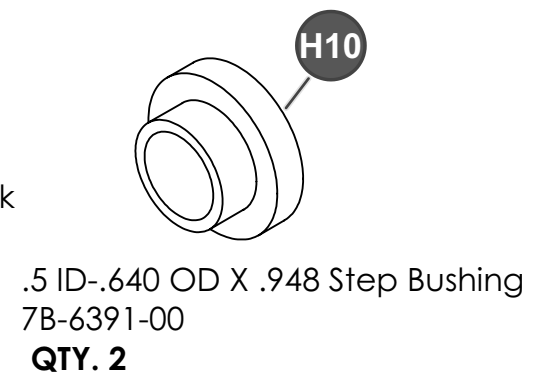
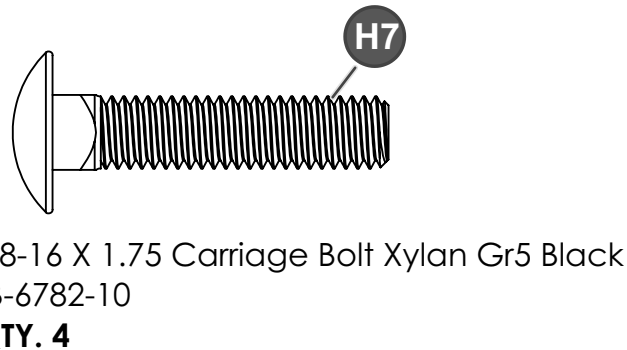
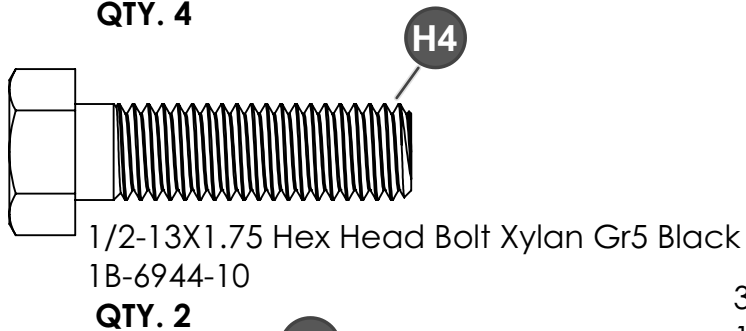
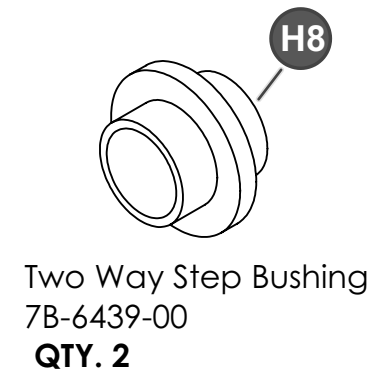
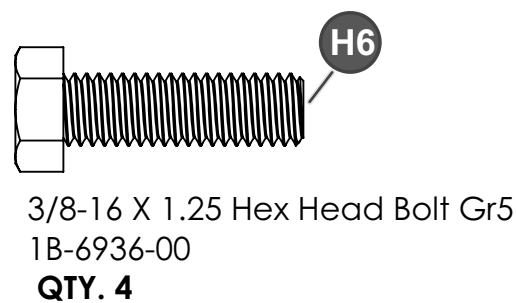
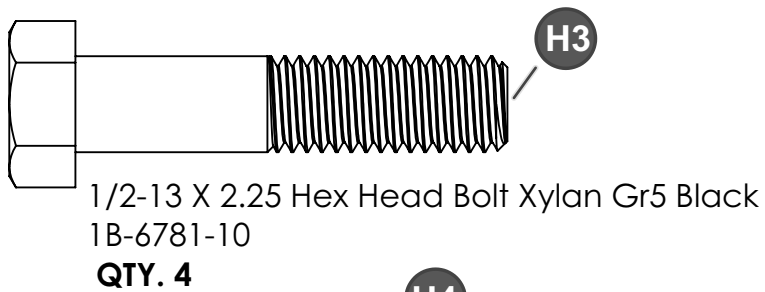
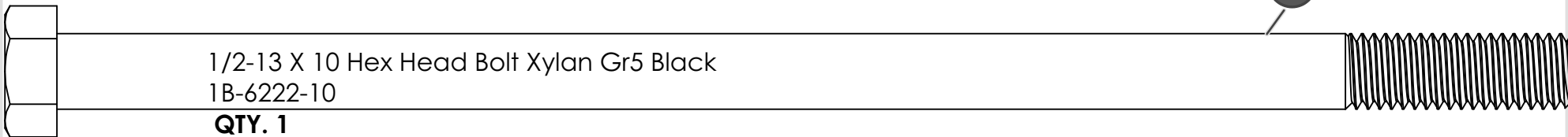
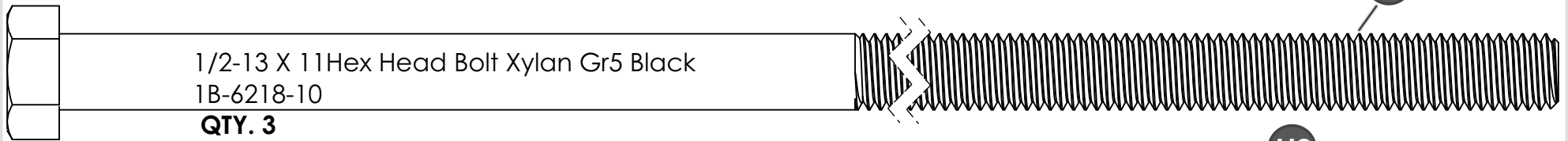


BOARD PAD - MIDDLE 60"
3M-8945-00 PAD
QTY.

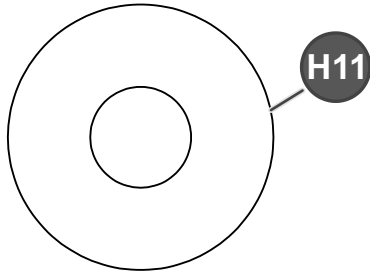


BOARD PAD - LEFT
3M-8944-00 PAD
QTY.

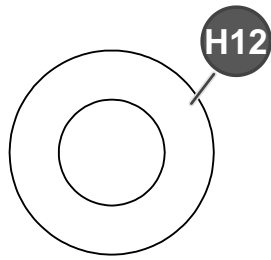
HARDWARE IDENTIFIER (ACTUAL SIZE)



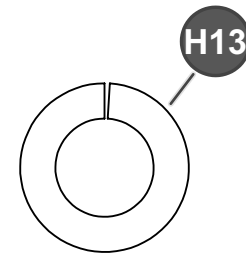
HARDWARE IDENTIFIER (ACTUAL SIZE)



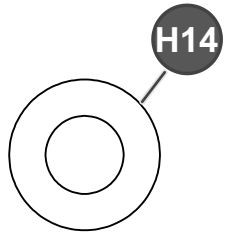
1/2" Flat Washer Xylan Black
2B-6093-10
QTY. 14



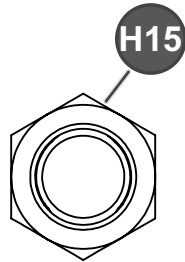
Flat Washer 14mm ID, 28mm OD Xylan Black
2B-6302-10
QTY. 8



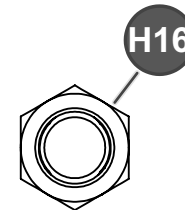
1/2" Split Lock Washer Xylan Black
2B-6094-10
QTY. 2



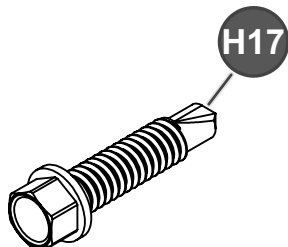
Flat Washer 3/8" X 19mm
Xylan Black
2B-6289-10
QTY. 12



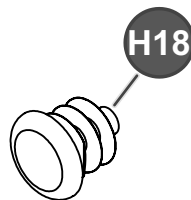
1/2-13 Nut Nylok Thin Xylan Black
2B-6242-10
QTY. 10



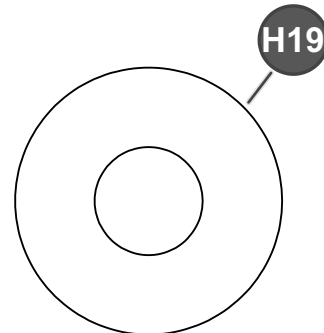
3/8-16 Nut Nylok Zinc
2B-6238-10
QTY. 8



#10 X 1.5" Self Drilling Screw - Zinc
1B-6999-00
QTY. 7



.312 Hole Plug, Stabilr Pole
3M-9091-00
QTY. 3

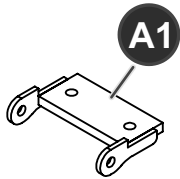


1/2" USS Flat Washer, Zinc
2B-6093-10
QTY. 14

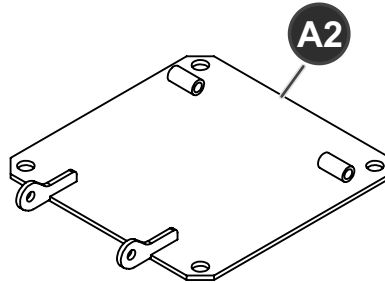
H21

Pivot Tube
8S-6566-01
QTY. 1

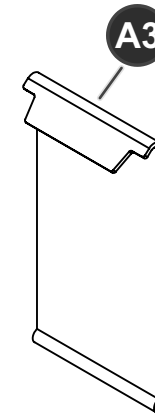
ANCHOR KIT IDENTIFIER



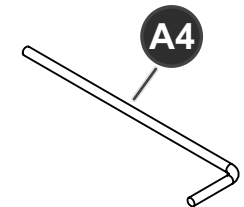
Bolt-on Hinge - Pole Base
1A-8051-00
QTY. 1



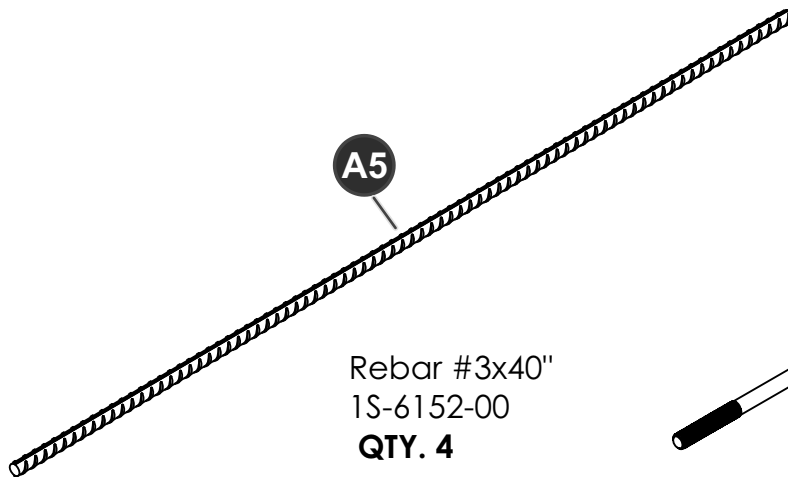
Hinged Anchor Plate
1A-8050-00
QTY. 1



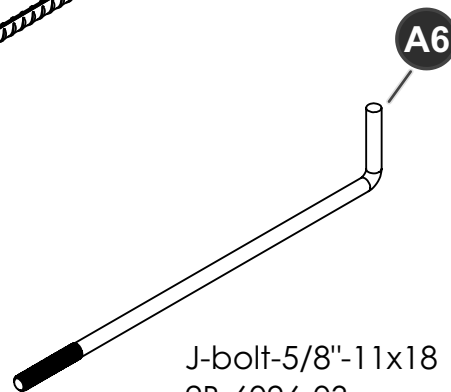
Hinged Installation Bracket
1A-8052-00
QTY. 1



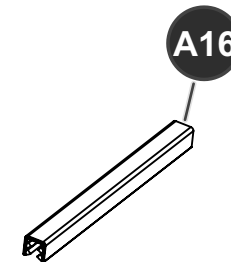
Hinged Install Pin
7B-8606-00
QTY. 1



Rebar #3x40"
1S-6152-00
QTY. 4



J-bolt-5/8"-11x18
2B-6096-03
QTY. 4

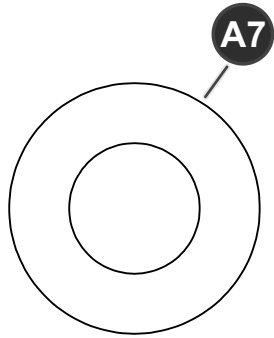


Heavy Duty Edge Guard
3m-9494-00
QTY. 1

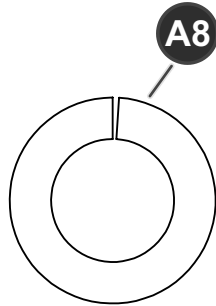


Hinge Spacer
7B-8607-00
QTY. 2

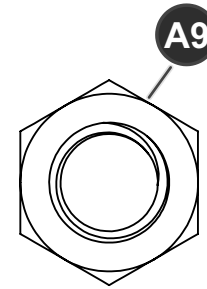
ANCHOR KIT HARDWARE IDENTIFIER (ACTUAL SIZE)



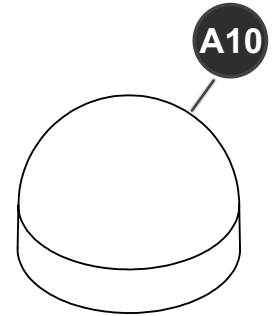
5/8" Flat Washer Black Thick
2B-6834-10
QTY. 8



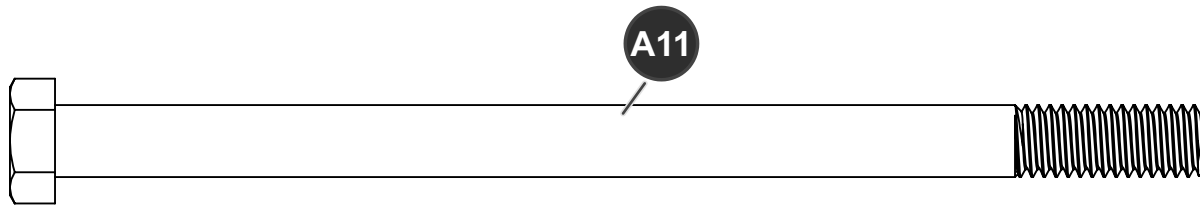
5/8" Split Lock Washer Xylan Black
2B-6099-10
QTY. 4



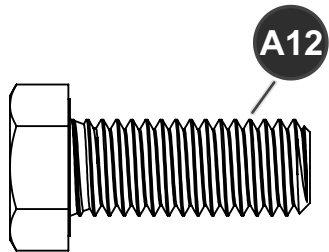
5/8"-11 Nut Hex Gr5 Black
2B-6097-10
QTY. 4



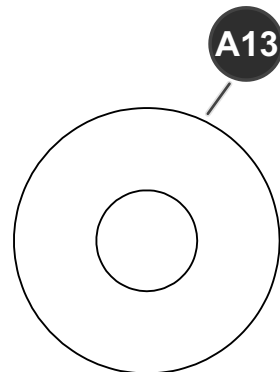
Goalrilla Anchor Cap
3M-9040-00
QTY. 4



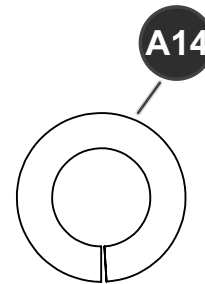
3/8-16 X 6.25" Hex Head Bolt Grade 5
1B-7313-00
QTY. 1



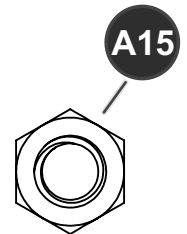
1/2-13 x 1.25" Hex Head Bolt Xylan
1B-7312-00
QTY. 2



1/2" Flat Washer Xylan Black
2B-6093-10
QTY. 2



1/2" Split Lock Washer Xylan Black
2B-6094-10
QTY. 2



3/8-16 Nut Zinc
2B-6855-00
QTY. 1

INSTALLATION TIMELINE

1. Prior to anchor system and goal assembly, call utility services (811) for location of underground utility lines before you dig.
2. Vertical main post assembly is a two part process.

PART 1

Day 1. Complete Anchor System Installation Instructions. (Below)

Day 2-4. Allow concrete to cure.

PART 2

Day 5. Complete Goalrilla™ assembly instructions. (Requires four adults)

ANCHOR SYSTEM INSTALLATION INSTRUCTIONS (Day 1)



Before digging hole for anchor system, check for buried power, gas, water, and telecommunication lines! Failure to do so could result in serious or fatal injury! Contact your local utility company if unsure.

Items needed for Anchor Installation (not included)

- 11 - 80 lb. bags of concrete (2-3 extra recommended)
- 1 - post hole digger (optional)
- 1 - 15/16" open end wrench
- 1 - 15/16" socket and ratchet (optional)
- 1 - concrete form (see note after step 2)
- 1 - wheel barrow
- 1 - garden hose
- 1 - level
- 1 - tape measure

Note: For best results with less vibration, anchor system should be independent of court. If pouring concrete for both at same time, add an expansion joint in between.



Call before you dig.

Note: If you encounter rock while digging the hole and cannot dig through it, please contact a contractor.

1. The proper location is as close to the court as possible without making contact, see Figure 1. However, this is a general rule. If you need to place the anchor system in a different location, use the following dimensions as a guide.
Overhang when adjusted to 10 ft. = 30 1/2"
2. Assemble anchor system as follows: Thread nuts (A9) to the bottom of threads of four J Bolts (A6). Insert threads of J Bolts (A6) up through holes on the anchor plate (A2) and secure with nuts (A9). See **Figure 2**.

Note: Each leg of J Bolts should face the anchor bolt to the right. See **Detail A**.

Figure 1

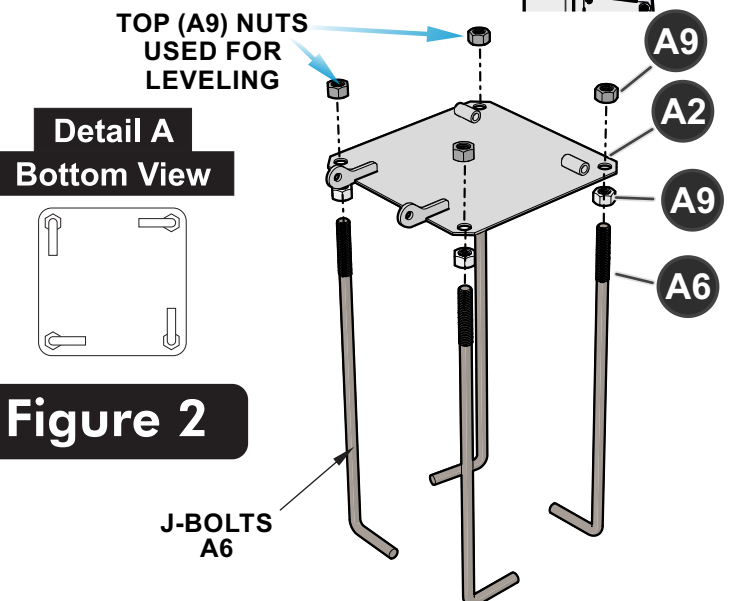
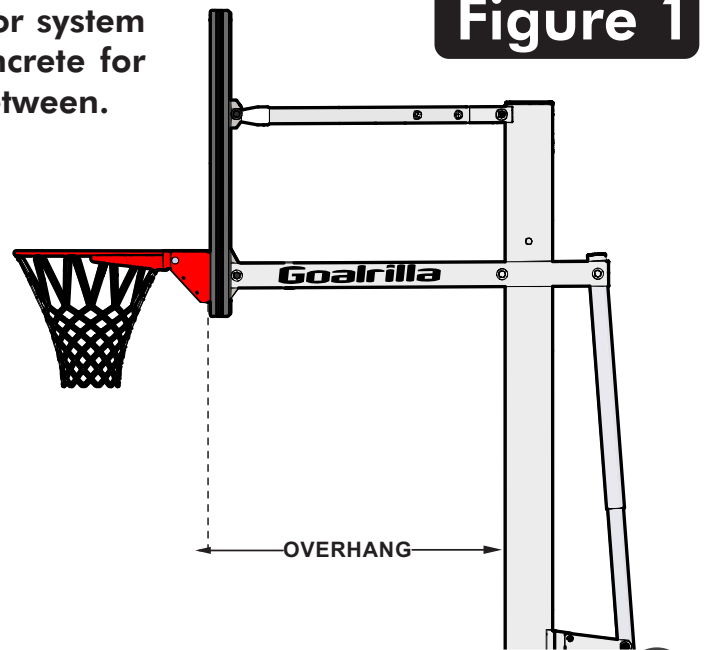


Figure 2

ANCHOR SYSTEM INSTALLATION INSTRUCTIONS (Day 1-Cont.)

NOTE: Using a concrete form for the top 4" of the concrete is recommended. Cardboard forms can be purchased at some hardware and home stores or a wooden form can be constructed out of 2 x 4's.

NOTE: Failure to dig and fill the hole as instructed will result in increased system vibration.

***Tip:** It is always a good idea to purchase one or two extra bags of concrete, just in case you need them. If extra bags are not used you can return them to the store.

3. Mix and pour concrete into the hole. Follow instructions on the concrete bag. Stop about 18" below court level.
4. Insert four pieces Rebar (#35) into concrete 8" apart creating a square in the center of the hole.
5. Place the concrete form in the desired location and finish pouring concrete up to and even with the court level.
6. Push anchor system into concrete and agitate to work out voids in concrete. Immediately use a level to level the anchor plate and then square the anchor plate to the playing surface. Clean off any concrete that may be on exposed threads. Let concrete cure for a MINIMUM of 72 hours. See Detail B.

NOTICE

The bottom four nuts will be permanently embedded in concrete, while the top four nuts will remain on the bolts and be used for leveling the pole.

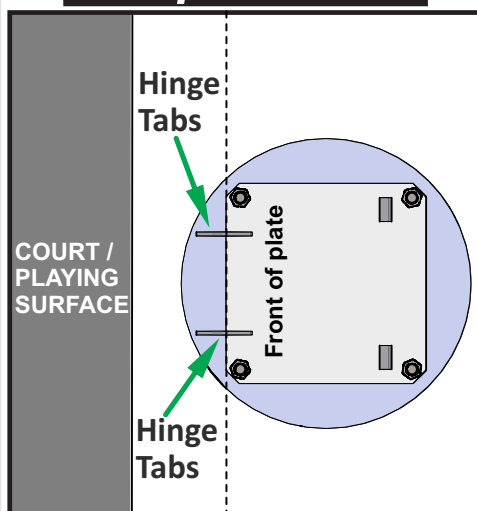


NOTICE

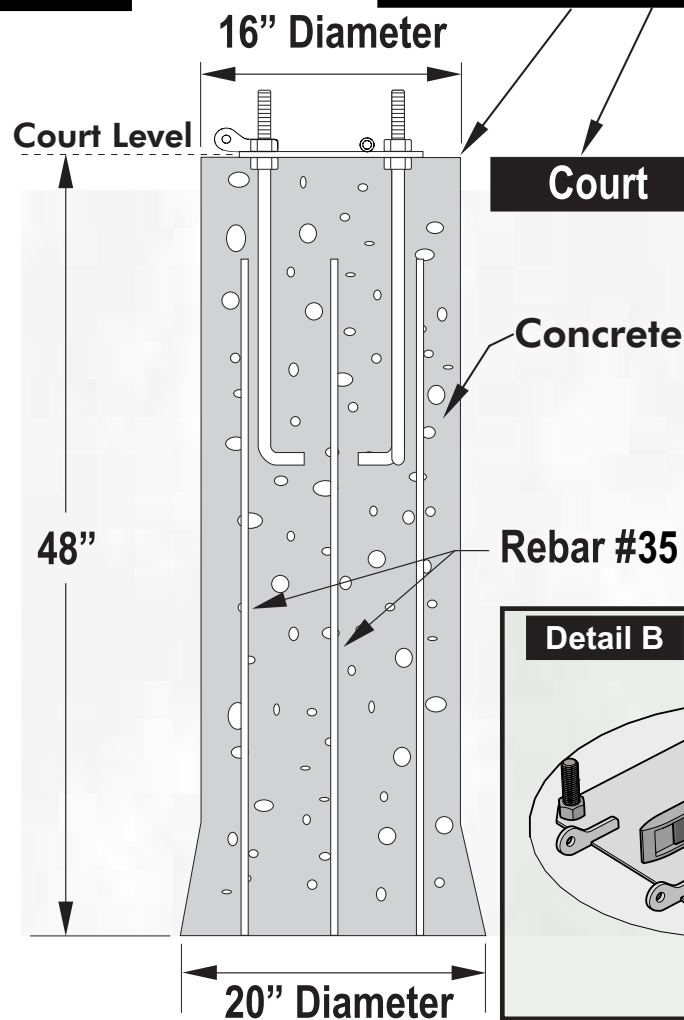
The top surface of the concrete should be level with the playing surface (Court) to ensure the hoop is at 10' once the installation is complete.

Figure 3

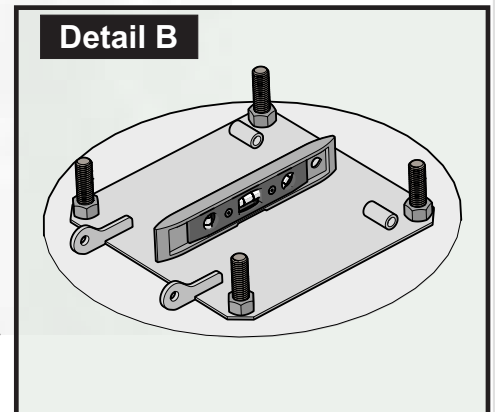
Top View



Anchor Plate must be square to your court so backboard will line up properly.



Detail B



HINGE AND POLE ASSEMBLY

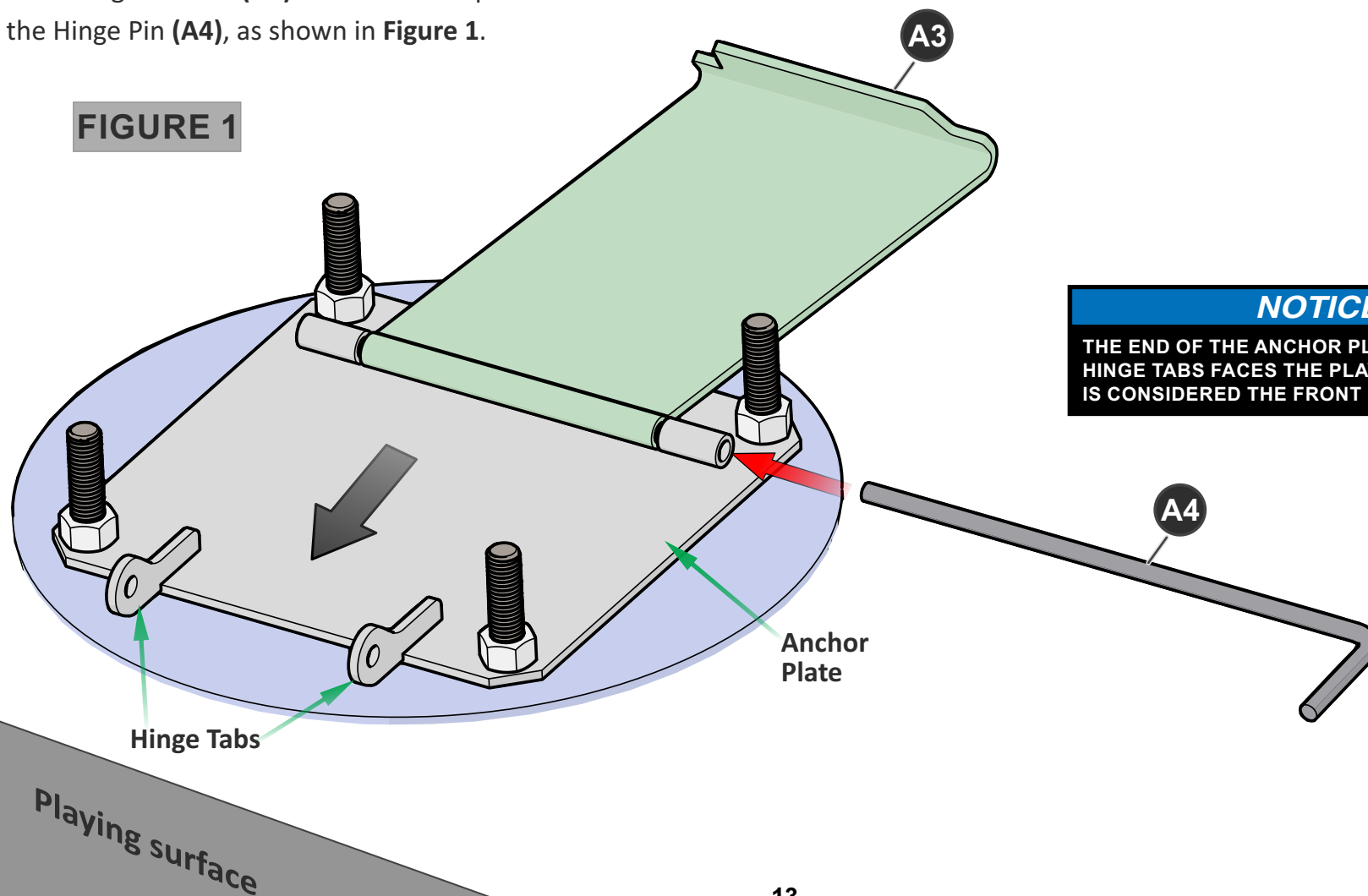


Let the concrete cure for a **MINIMUM of 72 hours** before starting the following steps.

STEP 1

Install the Hinge Bracket (**A3**) on the Anchor plate with the Hinge Pin (**A4**), as shown in **Figure 1**.

FIGURE 1

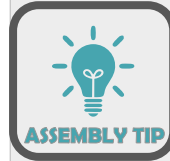


NOTICE

THE END OF THE ANCHOR PLATE WITH THE HINGE TABS FACES THE PLAYING SURFACE AND IS CONSIDERED THE FRONT OF THE PLATE.

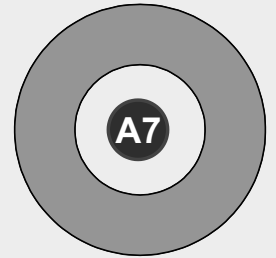
STEP 2

Place a Thick flat washer (**A7**) on each of the anchor kit nuts as shown in **Figure 1**.



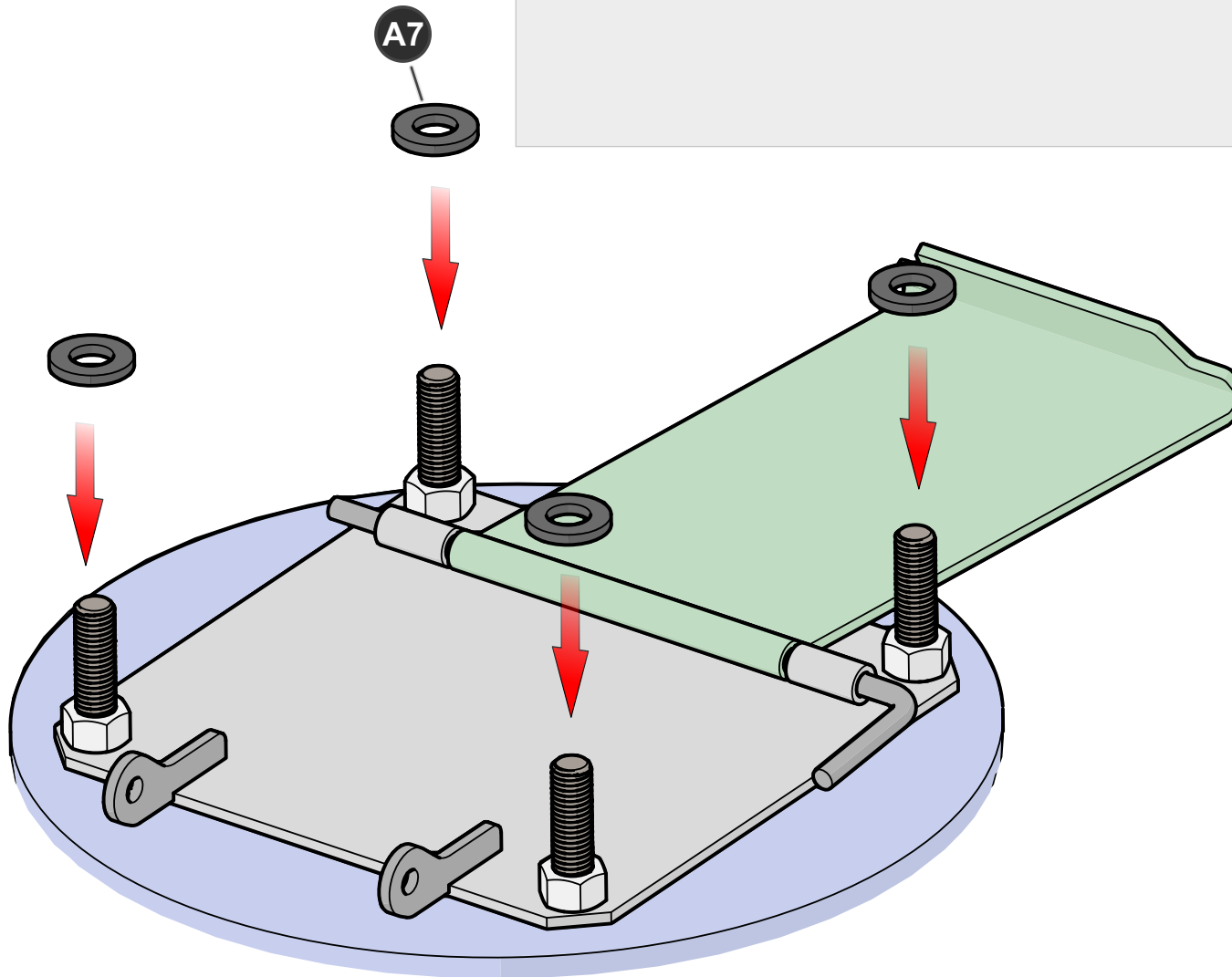
HARDWARE NEEDED (ACTUAL SIZE)

The following pages will have a picture of the **Hardware Needed** along with the Quantity, Part Number, and Description. You can place the hardware on the image to identify the hardware.



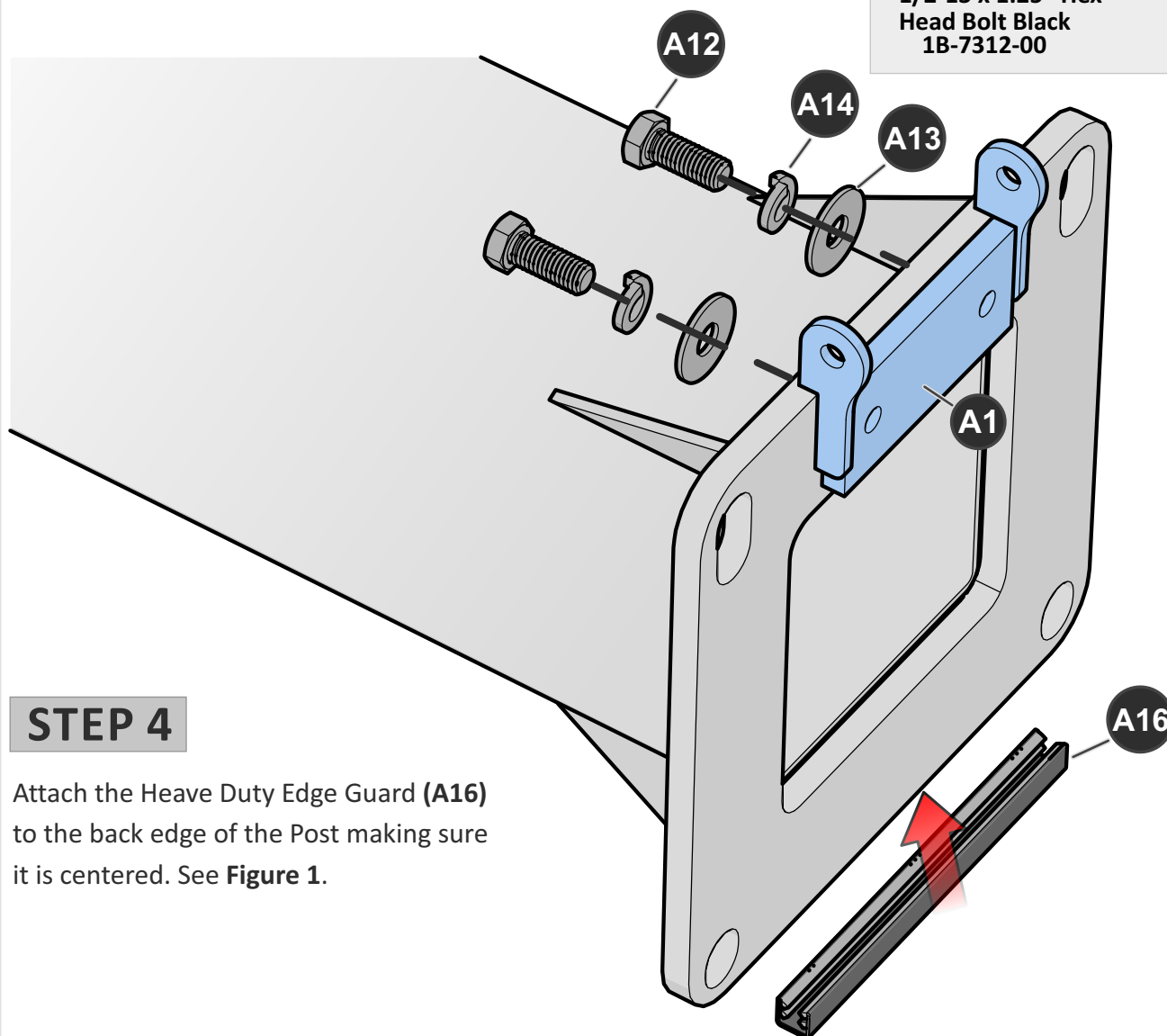
5/8" Flat Washer Thick
2B-6834-10
QTY. 4

FIGURE 1

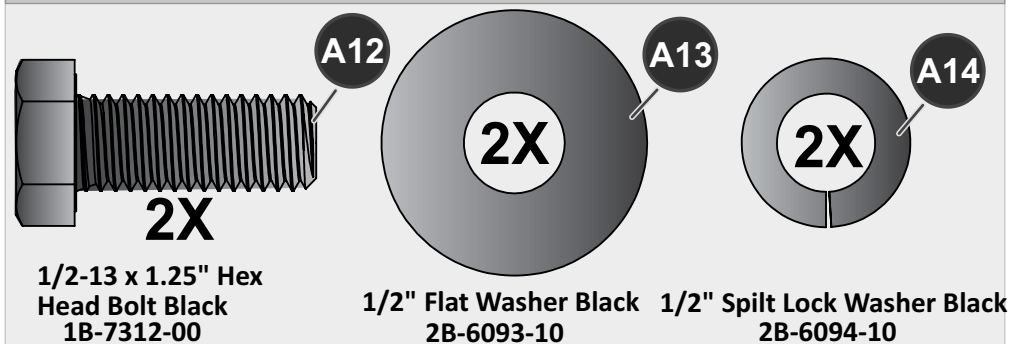


STEP 3

Attach the Bolt-on hinge (**A1**) to the **two front holes** on the Post assembly (**#1**) with two Bolts (**A12**), Lock Washers (**A14**), and Flat Washers (**A13**) as shown.



HARDWARE NEEDED (ACTUAL SIZE)



TOOL NEEDED

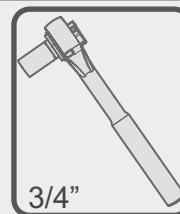


FIGURE 1

STEP 4

Attach the Heave Duty Edge Guard (**A16**) to the back edge of the Post making sure it is centered. See **Figure 1**.

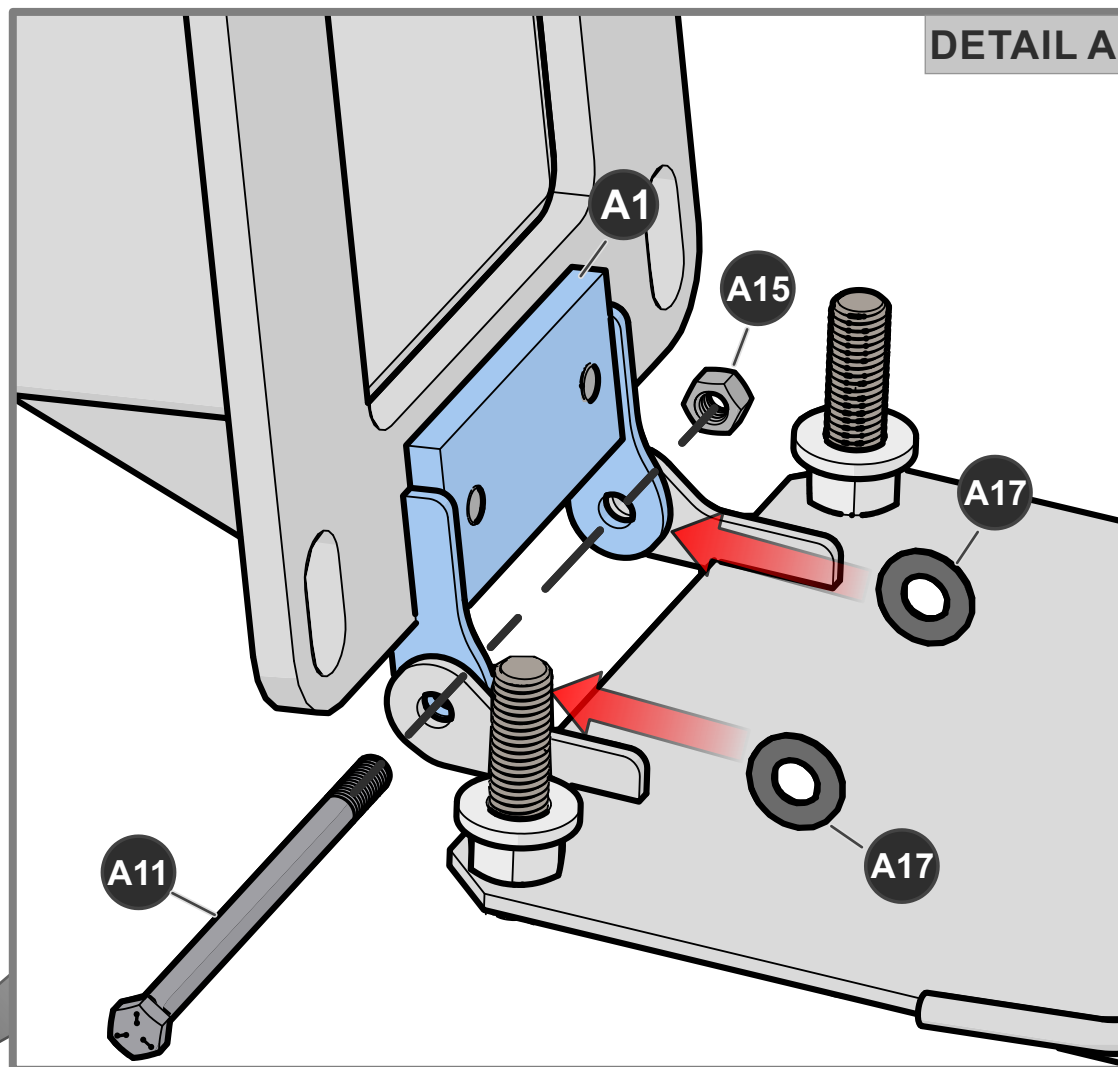
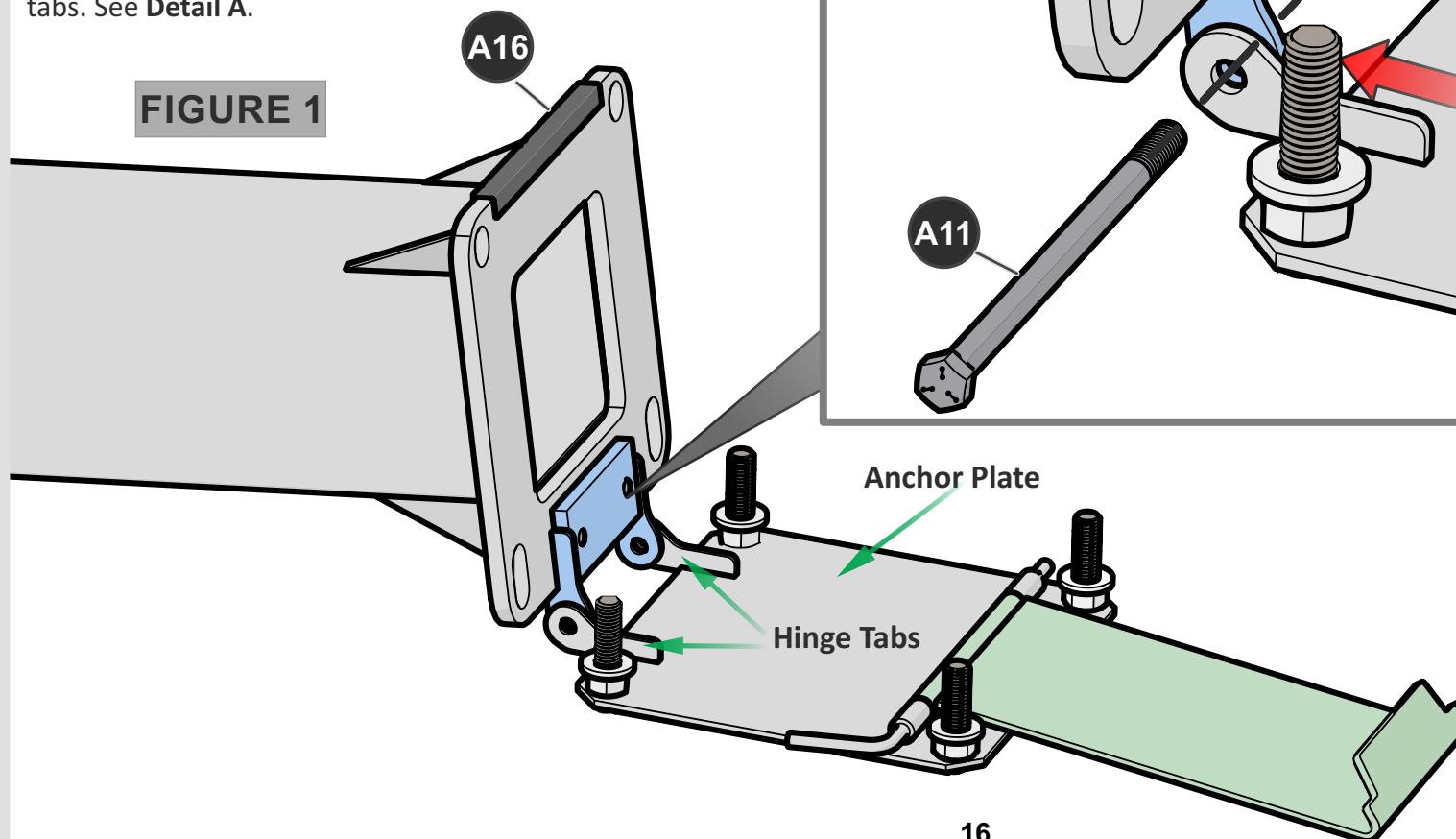
STEP 5

With the help of another adult, place the Post assembly (#1) on the ground in front of the anchor. Ensure that the hinge (A1) is positioned between the hinge tabs welded to the anchor plate so that the **bolt-on hinge (A1)** holes line up with the plate hinge tab holes. See **Figure 1 & Detail A**.

STEP 6

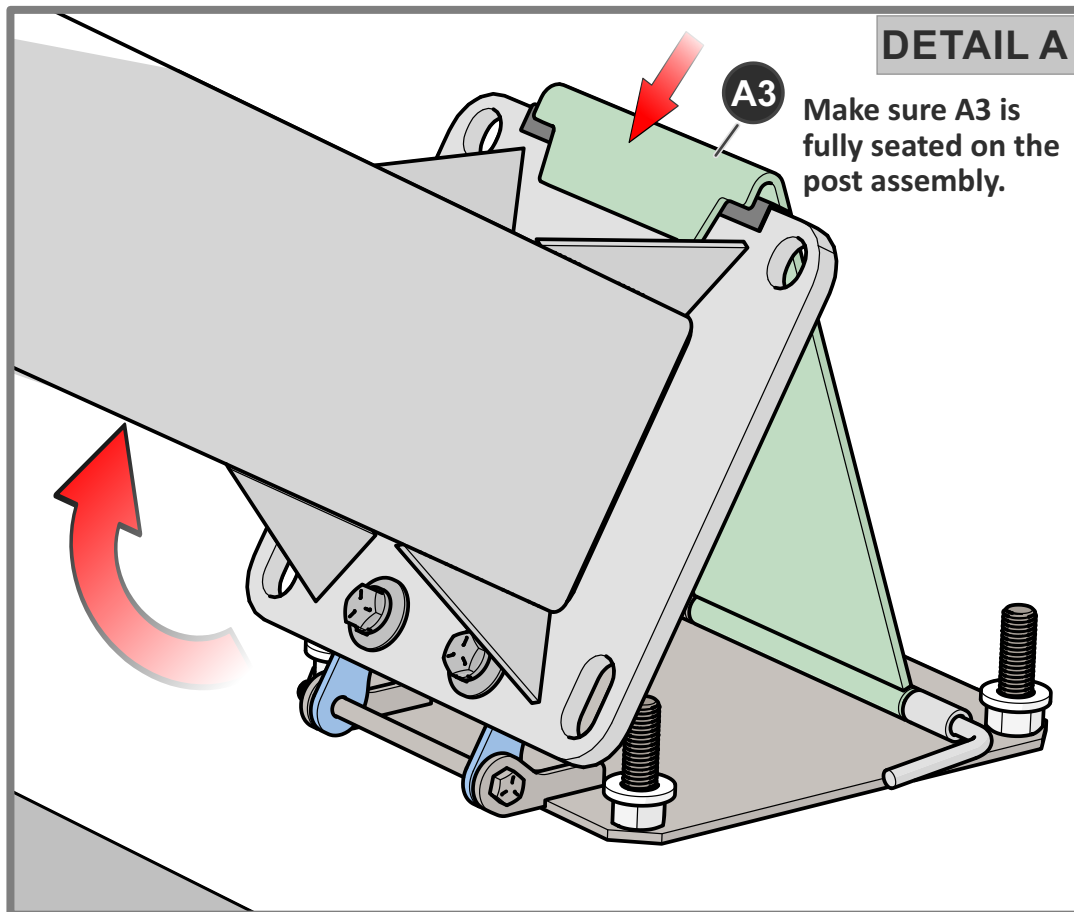
Secure the bolt-on hinge (A1) to the anchor plate hinge tabs using the (A11) bolt, (A17) Hinge Spacers and (A15) nuts. Make sure that you place the (A17) Hinge Spacers in between the Bolt on hinge tabs and the plate tabs. See **Detail A**.

FIGURE 1



STEP 7

With the help of **two** other capable adults, start lifting the pole in a controlled manner. Have a **third person** pivot the Hinge Bracket (**A3**) so that it catches the bottom welded plate on the post assembly. Ensure the hinge Bracket (**A3**) is positioned on the edge guard to avoid disturbing the finish. See **Figure 1 & Detail A**.



WARNING

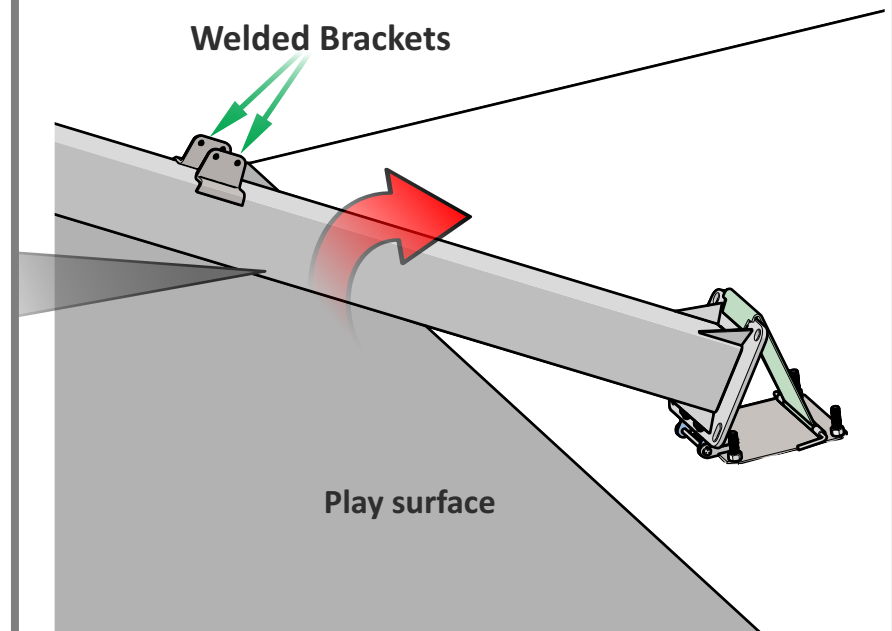
MAKE SURE THAT THE POLE IS SECURED WITH HINGE INSTALLATION BRACKET. NEVER LEAVE POLE UNATTENDED.



WARNING

DON'T LEAN ON THE POLE OR APPLY UNNECESSARY WEIGHT OR FORCE DURING INSTALLATION.

FIGURE 1



ACTUATOR ASSEMBLY

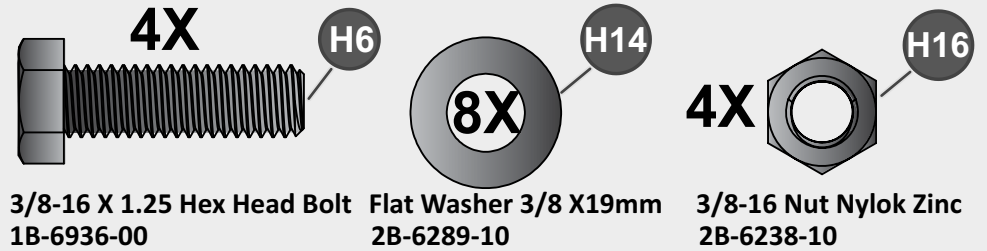
STEP 1

Attach Post Brackets (#13) to the outside of the brackets welded on the back of the Post (#1). Secure with two Hex Head Bolts (H6), four Flat Head Washers (H14) and two Locknuts (H16) in each Bracket (#13). See Figure 1 & Detail A.

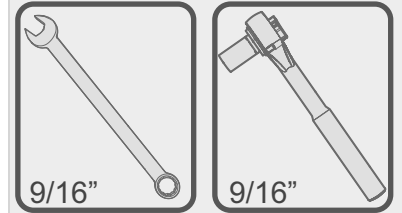
NOTICE

DO NOT TIGHTEN UNTIL INSTRUCTED TO DO SO.

HARDWARE NEEDED (ACTUAL SIZE)



TOOLS NEEDED



DETAIL A

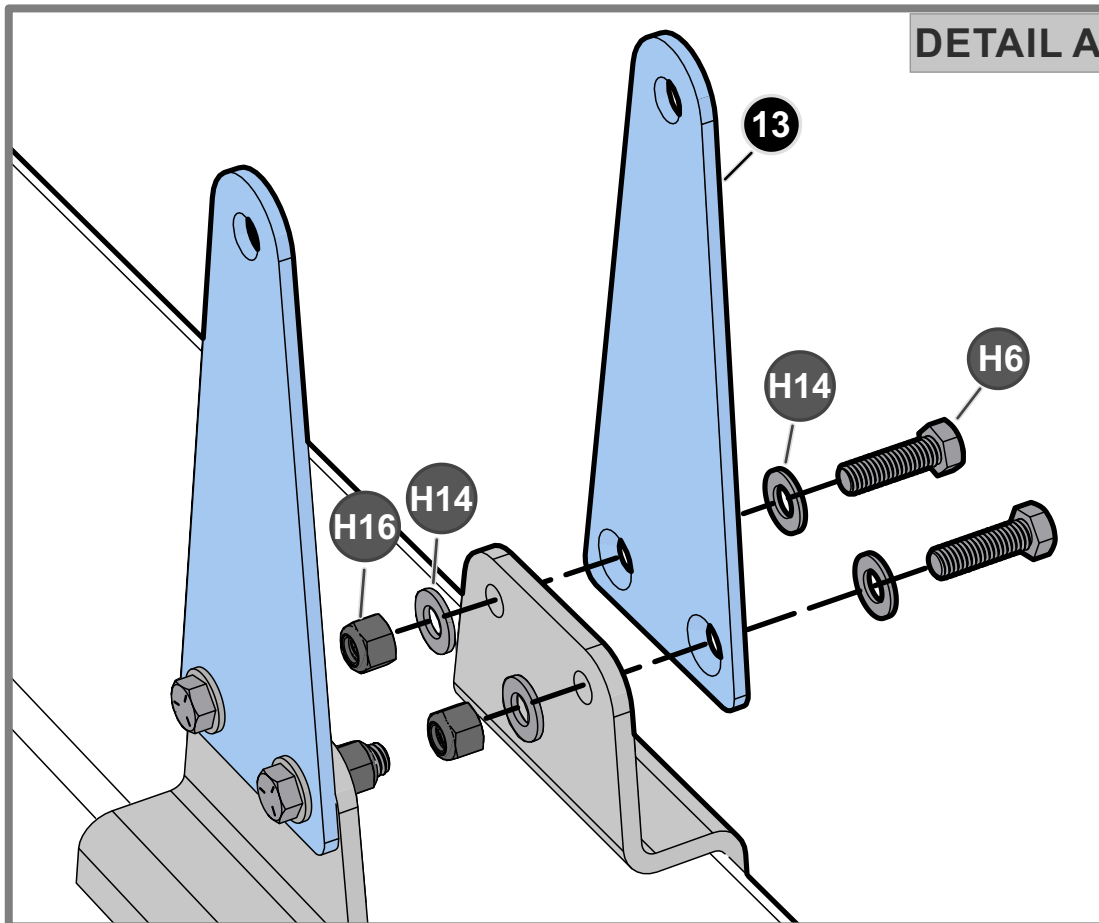
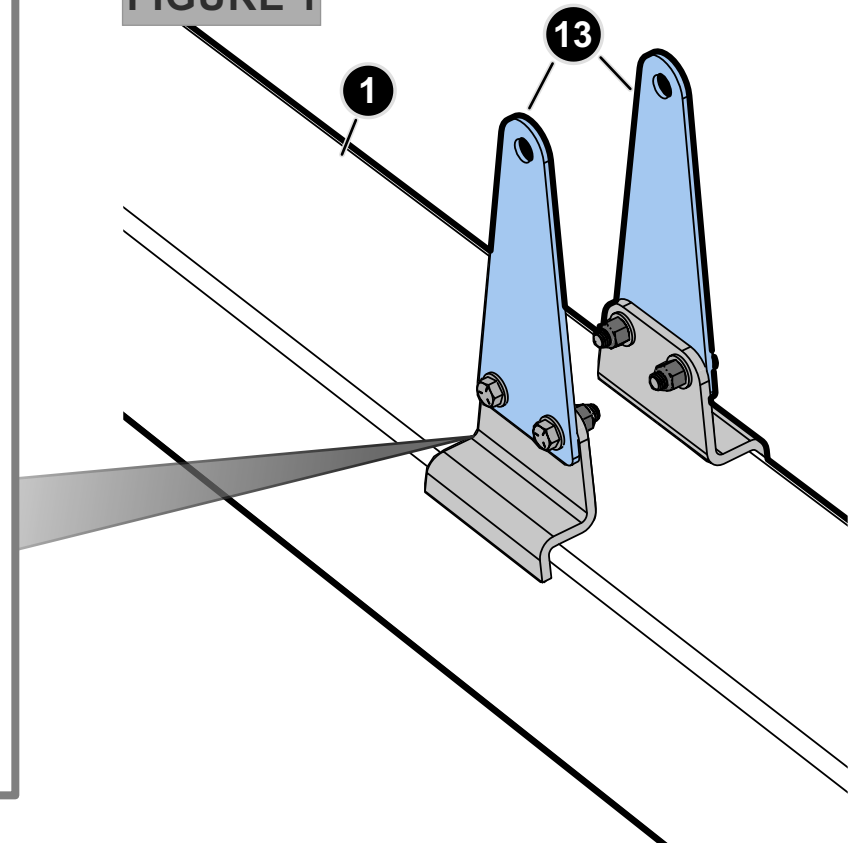


FIGURE 1



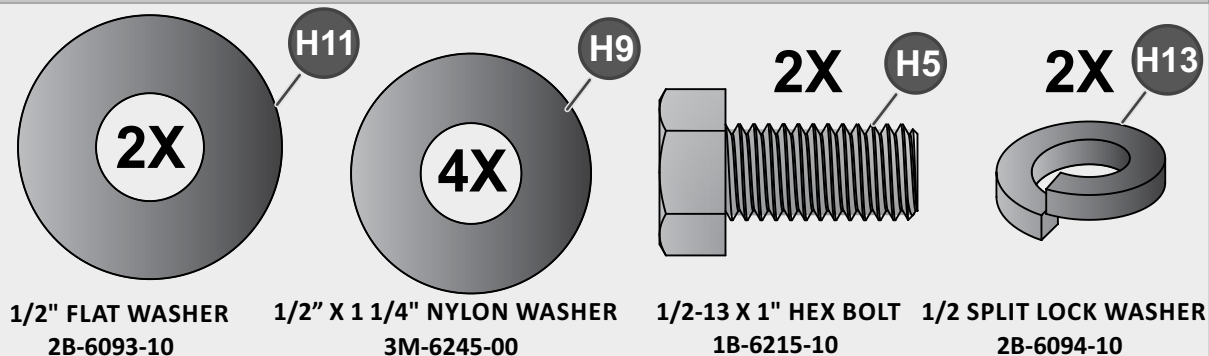
STEP 2

Secure Actuator (#10) to Brackets (#13) using Bolt (H5), two Lock Washers (H13), Flat Washers (H11), Plastic Washers (H9), four Nylon Washers (H9) and one Locknut (H15). Tighten both bolts (#8) snug but, do not over tighten. Once Step 2 is complete, tighten bolts from Step 1.

NOTICE

IT IS IMPORTANT FOR THE INSTALLER TO UNDERSTAND THE NECESSITY OF THE PLASTIC WASHERS (H9) PROVIDED. THESE WASHERS ADEQUATELY SPACE THE PAINTED PARTS AT ALL PIVOT POINTS. NEGLECTING THE USE OF THESE WASHERS WILL RESULT IN RUSTED PARTS.

HARDWARE NEEDED (ACTUAL SIZE)



*Hardware located in Actuator kit box

TOOL NEEDED

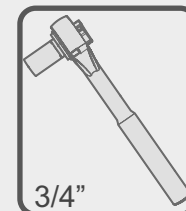
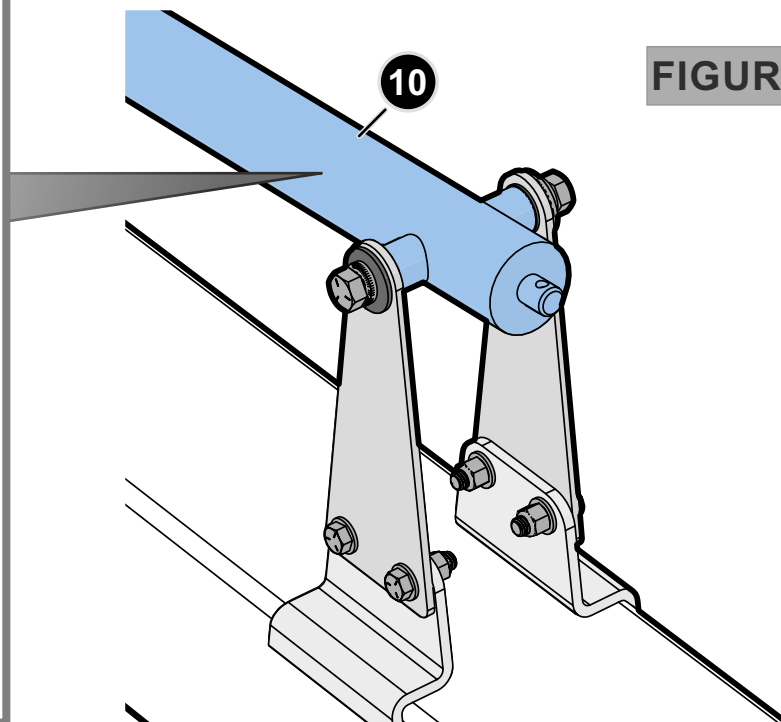
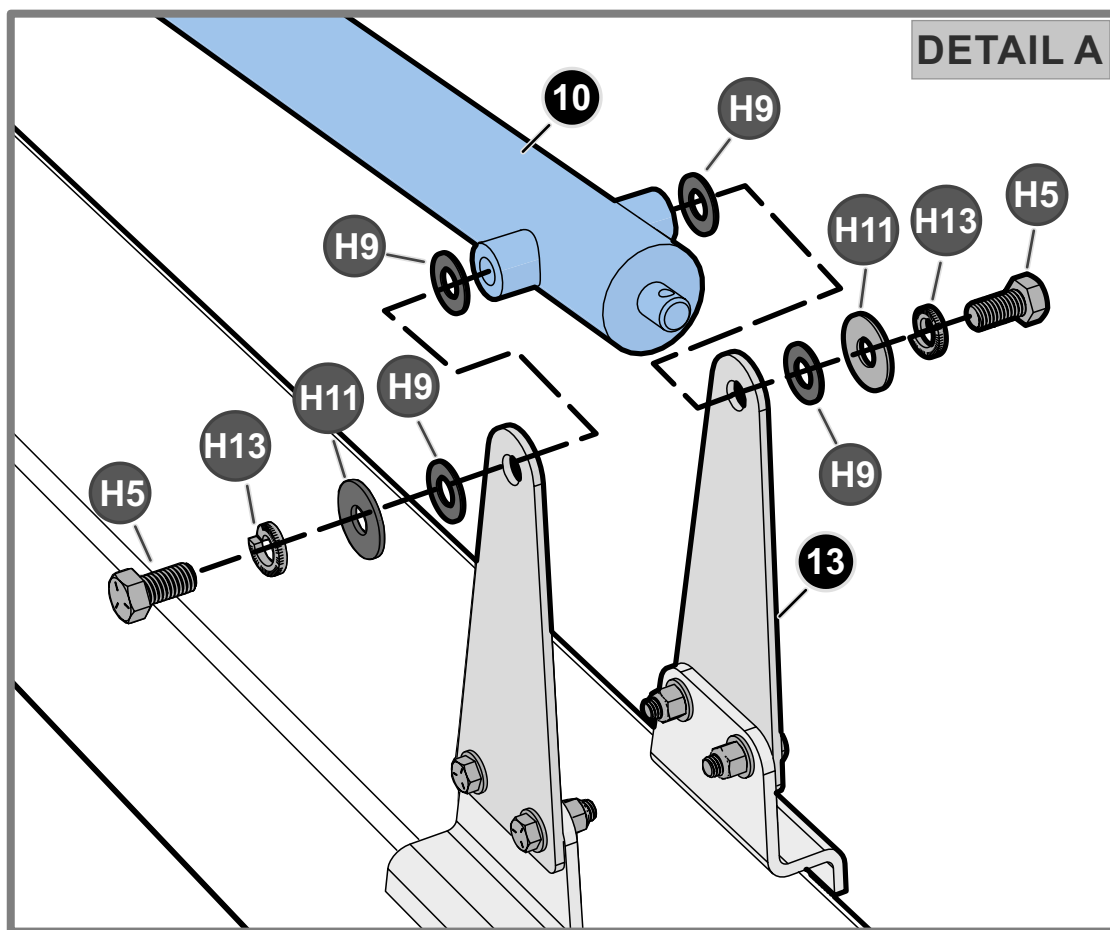
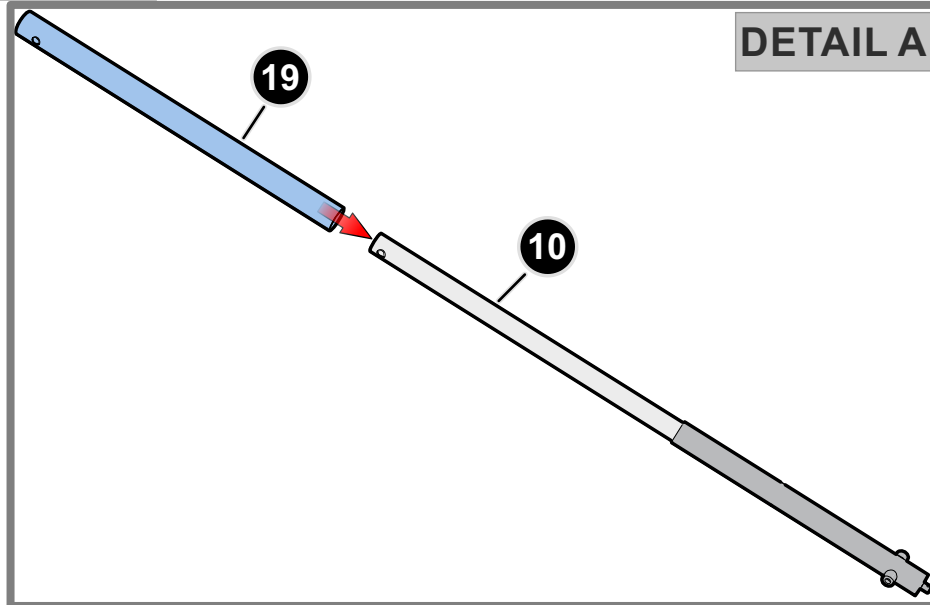


FIGURE 1

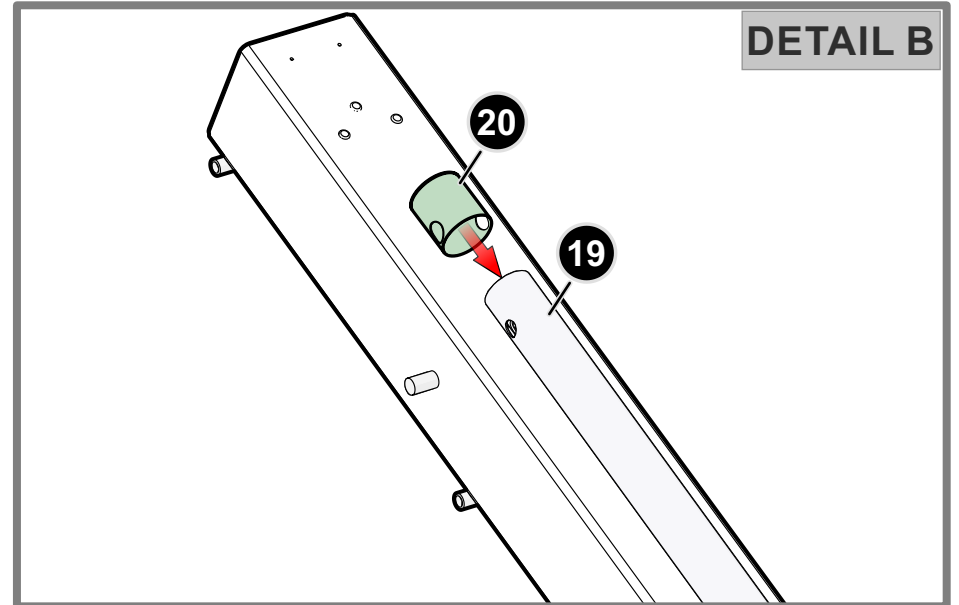


STEP 3



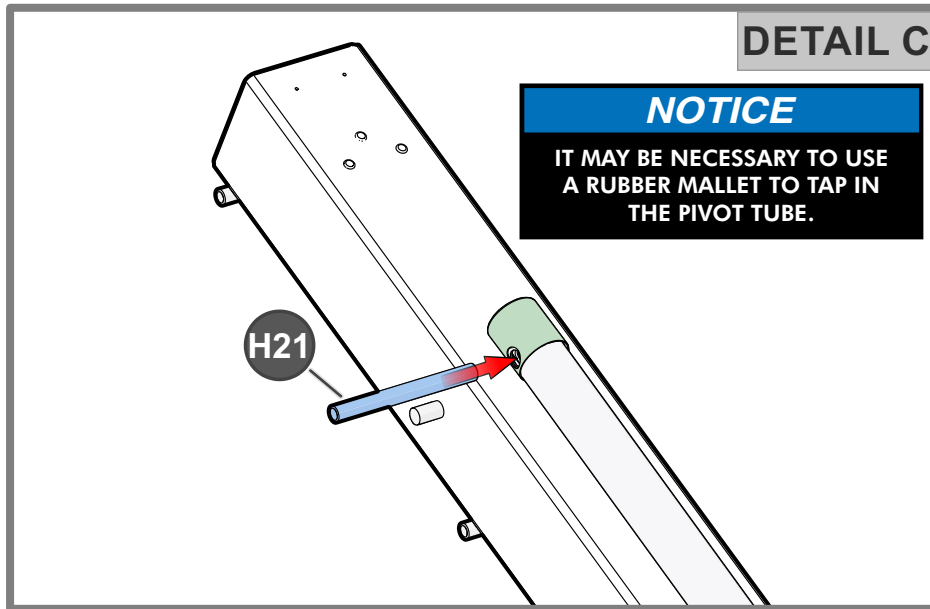
DETAIL A

If not already pre-assembled, slide Plastic Actuator Sleeve (#19) over Steel Actuator (#10). See Detail A.



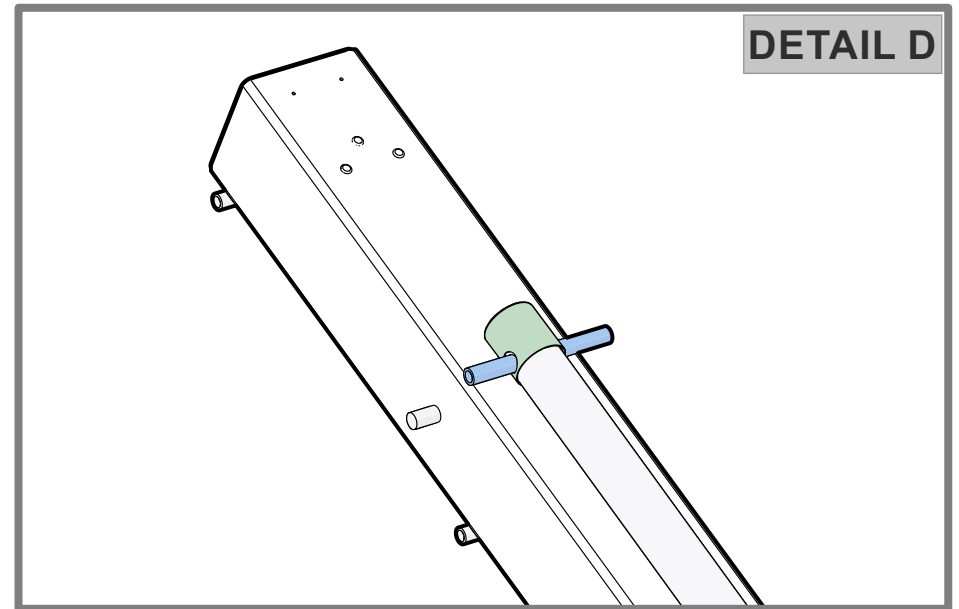
DETAIL B

Place the Actuator Cap (#20) on top. See Detail B.



DETAIL C

Align holes in all 3 parts and slide Pivot Tube (H21) through holes in Actuator Cap (#20) Plastic Actuator Sleeve (#19) and Steel Actuator (#10). See Detail C.

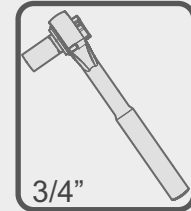
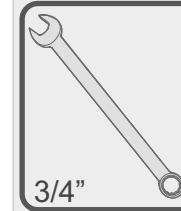


DETAIL D

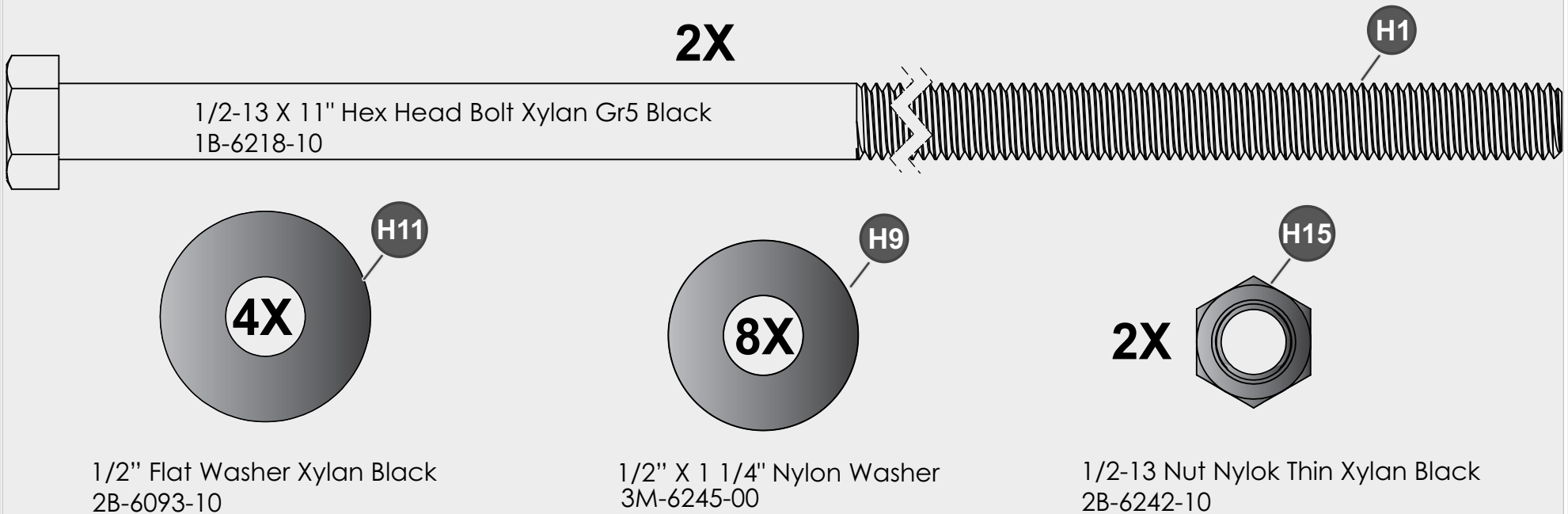
Ensure that equal amounts of the Pivot Tube (H20) stick out through both sides of Actuator Assembly. See Detail D.

Before proceeding to the next step, ensure you have the following hardware and tools ready, along with at least one other capable adult. Read the next page thoroughly and understand it before beginning **steps 1-3** in the '**Lower Arm assembly**' section.

TOOLS NEEDED



HARDWARE NEEDED (ACTUAL SIZE)



LOWER ARM ASSEMBLY

STEP 1

Attach lower arm (#3) to Pole (#1), as shown in Figure, using a bolt (H1), two flat washers (H11), four plastic washers (H9) and locknut (H15). Only hand-tighten the hardware until instructed to tighten them in a later step.



WARNING

DON'T LEAN ON THE POLE OR APPLY UNNECESSARY WEIGHT OR FORCE DURING INSTALLATION.

NOTICE

ONLY HAND-TIGHTEN THE HARDWARE UNTIL INSTRUCTED TO TIGHTEN THEM IN A LATER STEP.

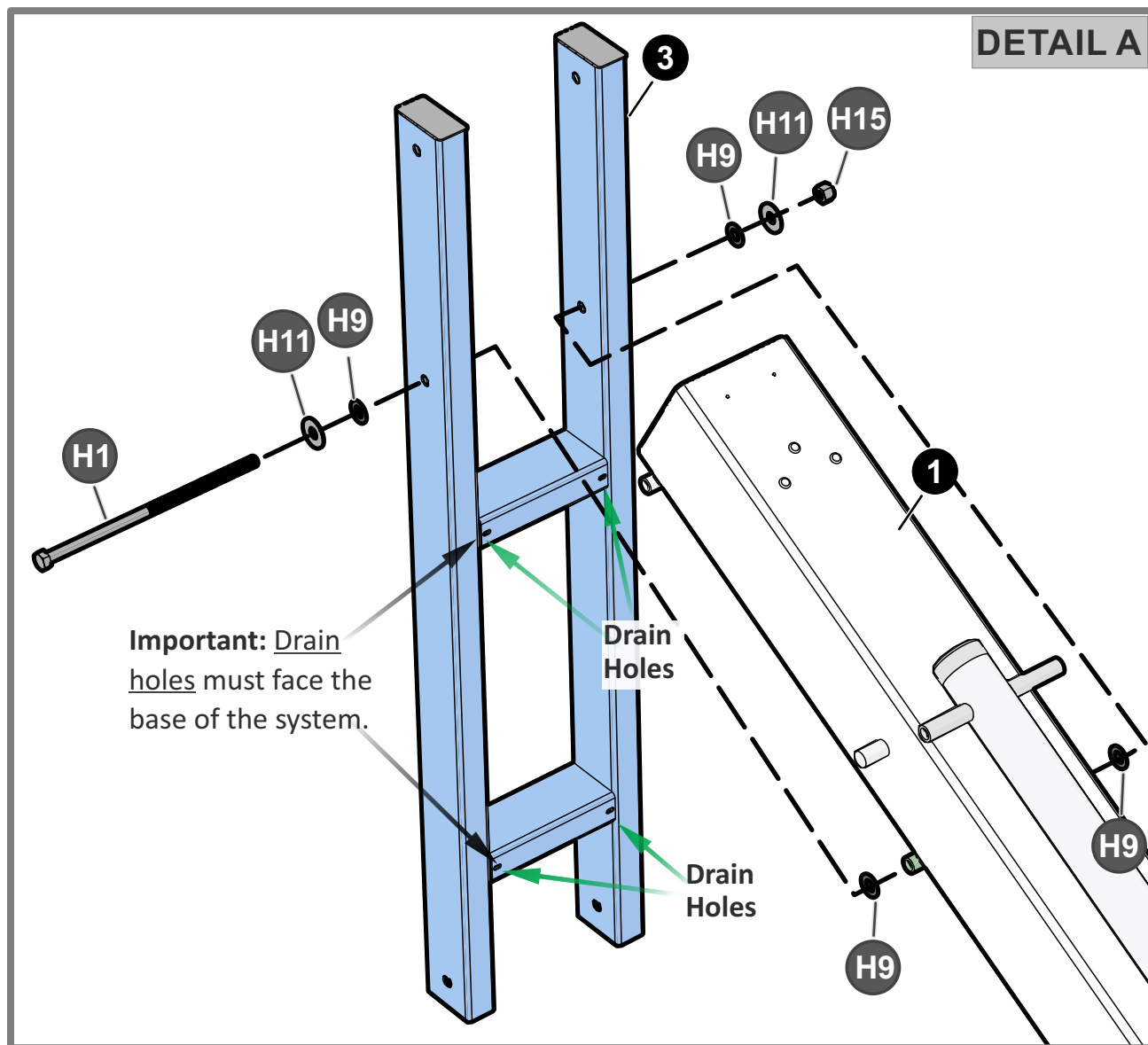
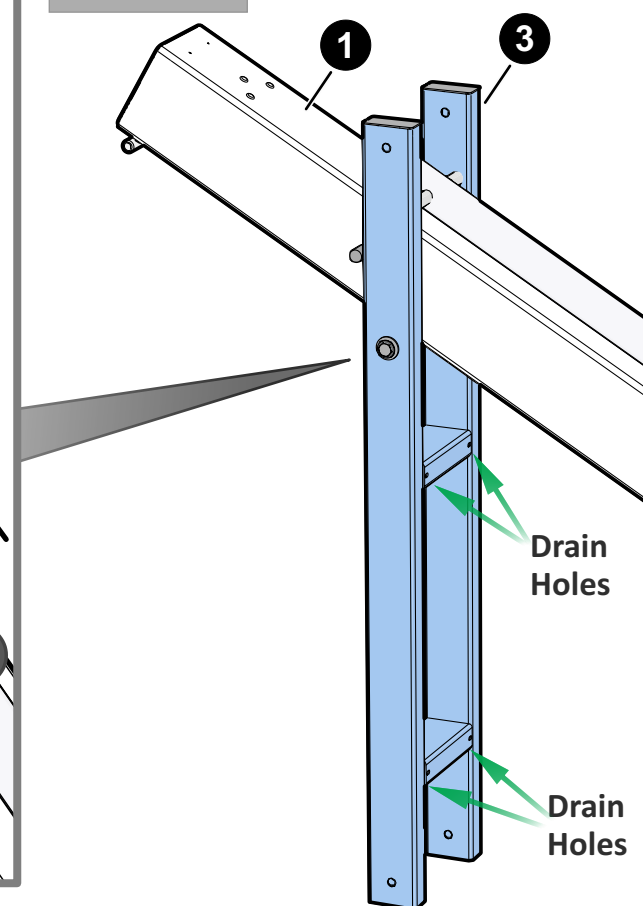
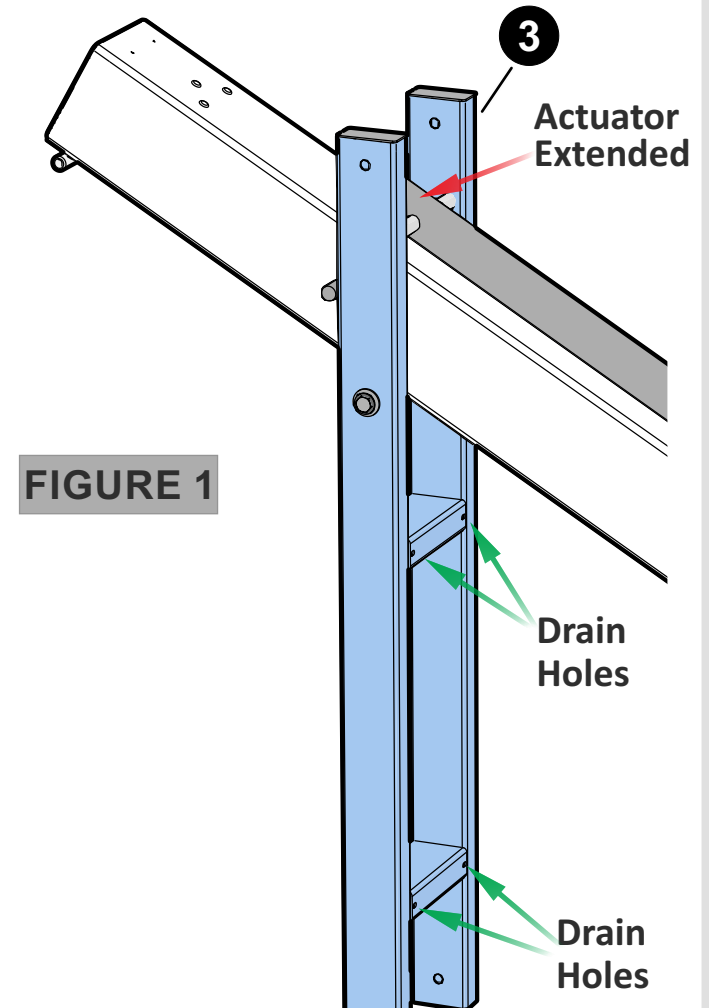
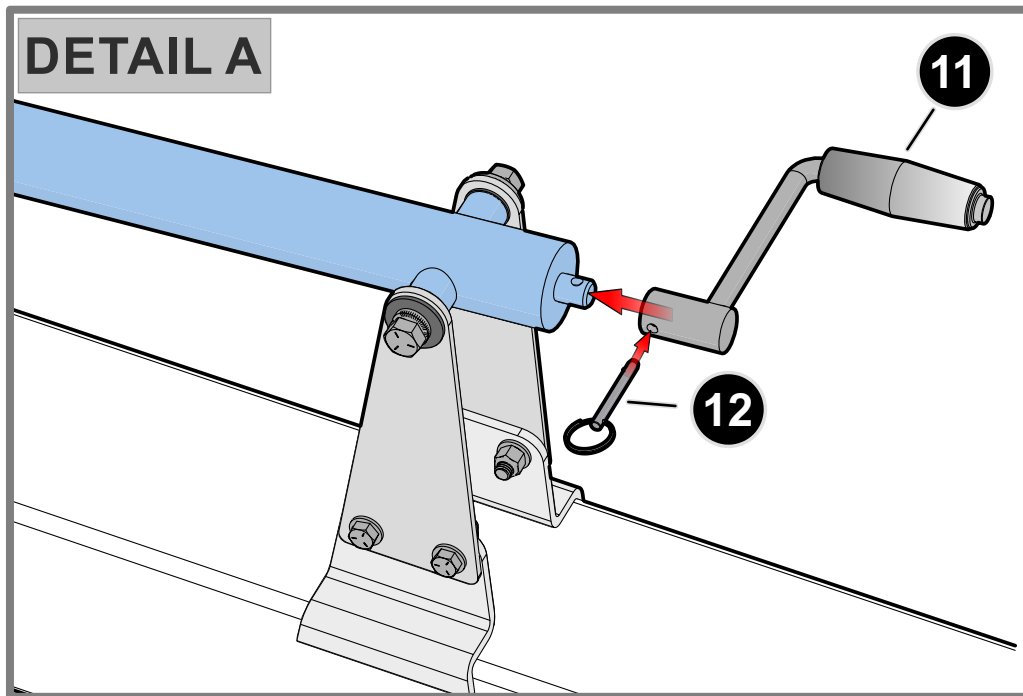


FIGURE 1



STEP 2

Place the Actuator Handle (#11) onto the shaft located on the bottom of the Actuator. Align the hole in the shaft with a hole in the Actuator Handle, and then insert the Pull Pin (#12) to secure it as shown in **Detail A**. After that, turn the handle to extend the actuator until it reaches the lower board arm (#3). See **Figure 1**.





IMPORTANT!

Fully extend the Actuator as shown in Detail B. Lower Arms (#3) must be positioned exactly as shown in Figure 2.

STEP 3

Secure Actuator Assembly to the Lower Arm (#3) Using Bolt (H1), two flat washers (H11), four Nylon Washers (H9) and one Locknut (H15). Tighten both bolts (#8) snug but, do not over-tighten. Board Arms (#3) must pivot freely. See **Detail B** and **Figure 2**. Fully extend actuator and tighten hardware from Step 1 at this time.

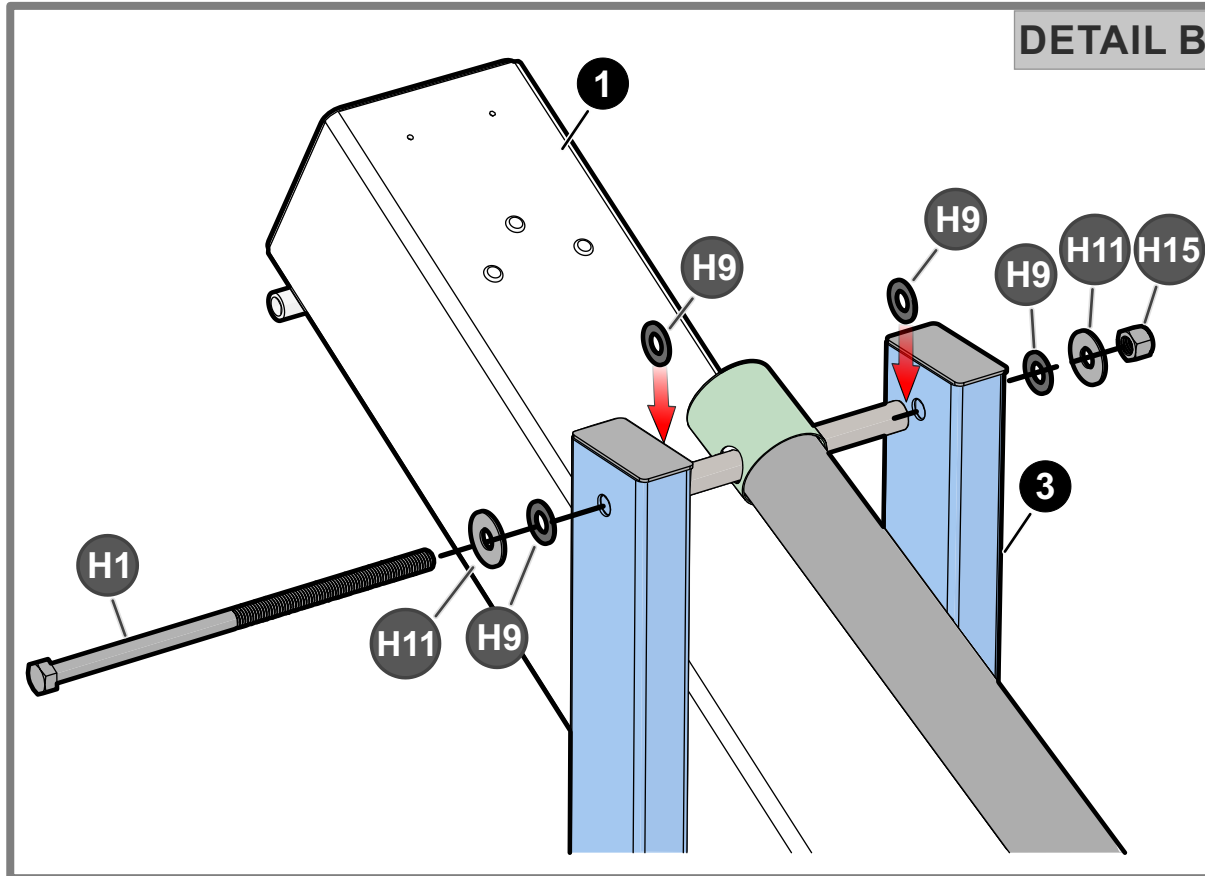
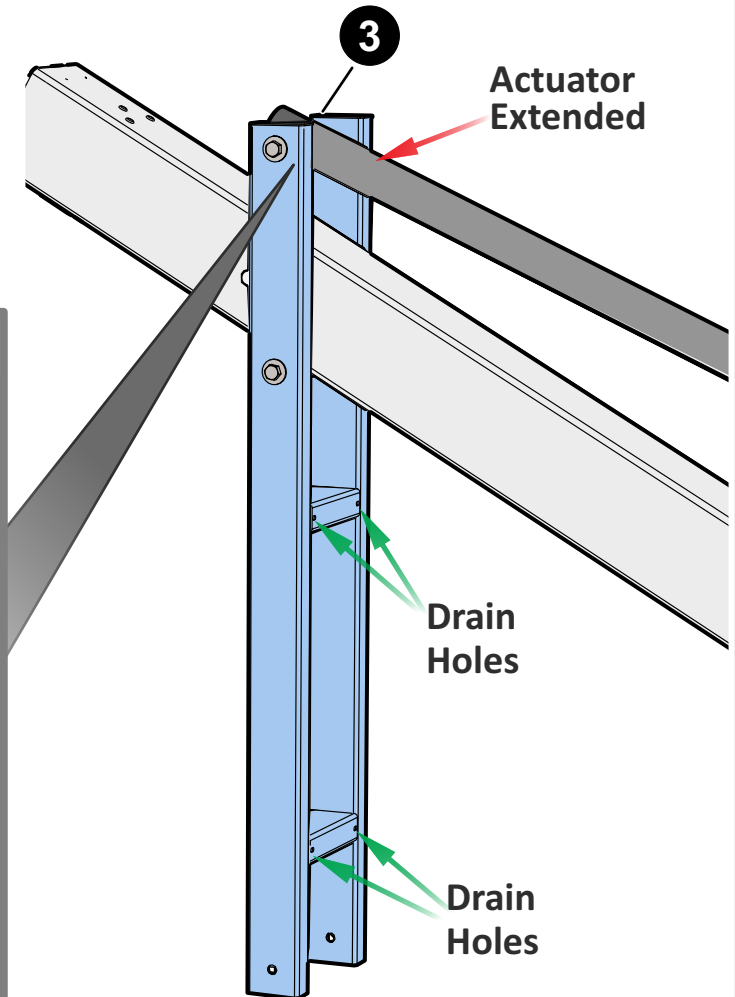
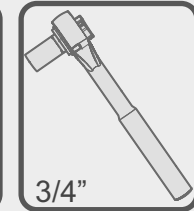
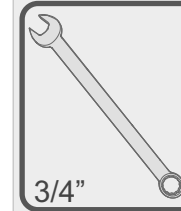


FIGURE 2

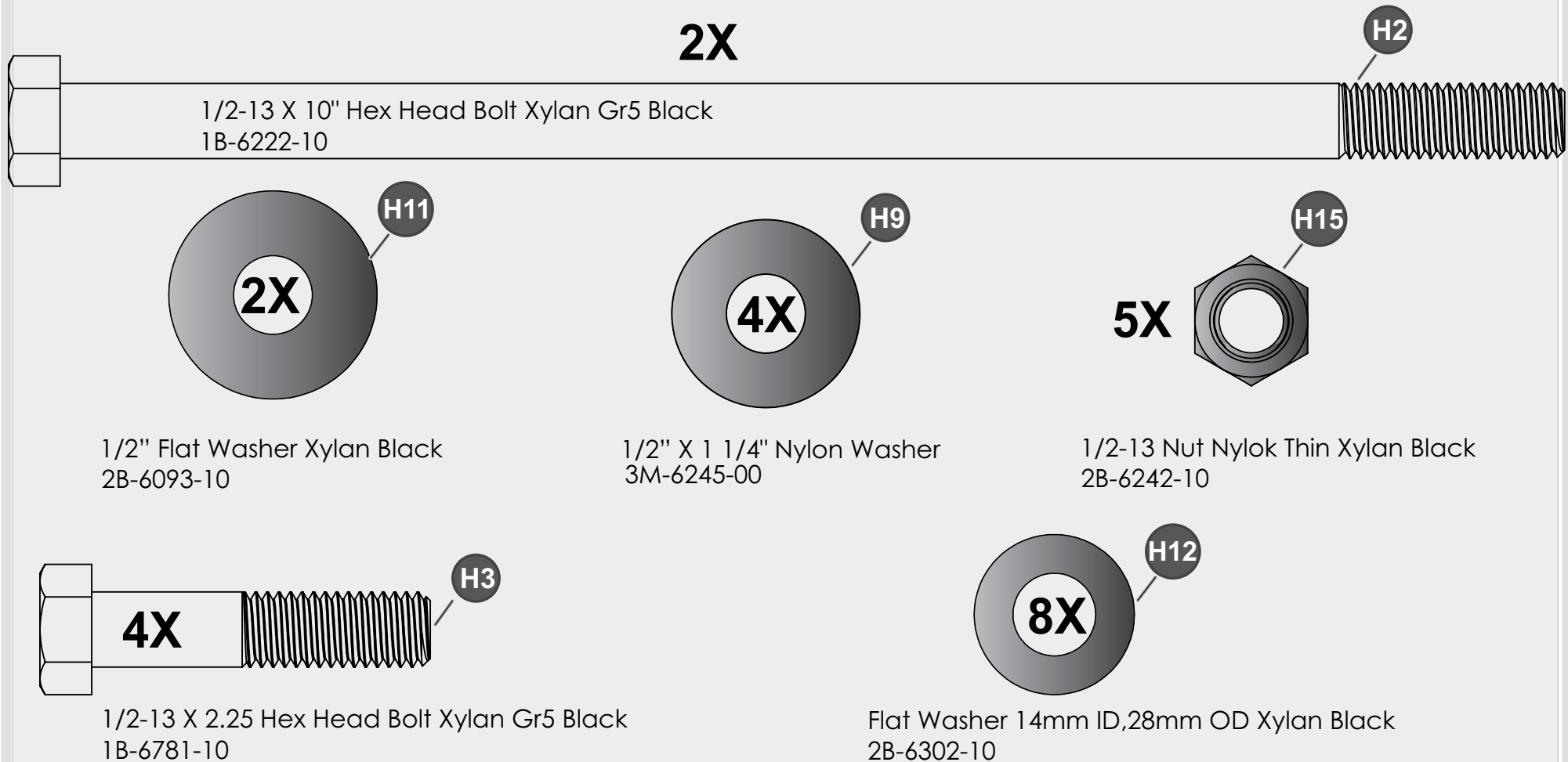


Before proceeding to the next step, ensure you have the following hardware and tools ready, along with at least one other capable adult. Read the next page thoroughly and understand it before beginning **steps 1&2** in the '**Upper Arm assembly**' section.

TOOLS NEEDED



HARDWARE NEEDED (ACTUAL SIZE)



STEP 1

UPPER ARM ASSEMBLY

Attach Upper Arms (#4) & (#5) to Pole (#1) using a bolt (H2), two flat washers (H11), four Nylon Washers (H9), and a hex nut (H15). See Detail A & Figure 1.

NOTICE

NYLON WASHERS (H9) ADEQUATELY SPACE THE PAINTED PARTS AT ALL PIVOT POINTS. NEGLECTING THE USE OF THESE WASHERS WILL RESULT IN RUSTED PARTS.

NOTICE

ONLY HAND-TIGHTEN THE HARDWARE UNTIL INSTRUCTED TO TIGHTEN THEM IN A LATER STEP.



WARNING

DON'T LEAN ON THE POLE OR APPLY UNNECESSARY WEIGHT OR FORCE DURING INSTALLATION.

DETAIL A

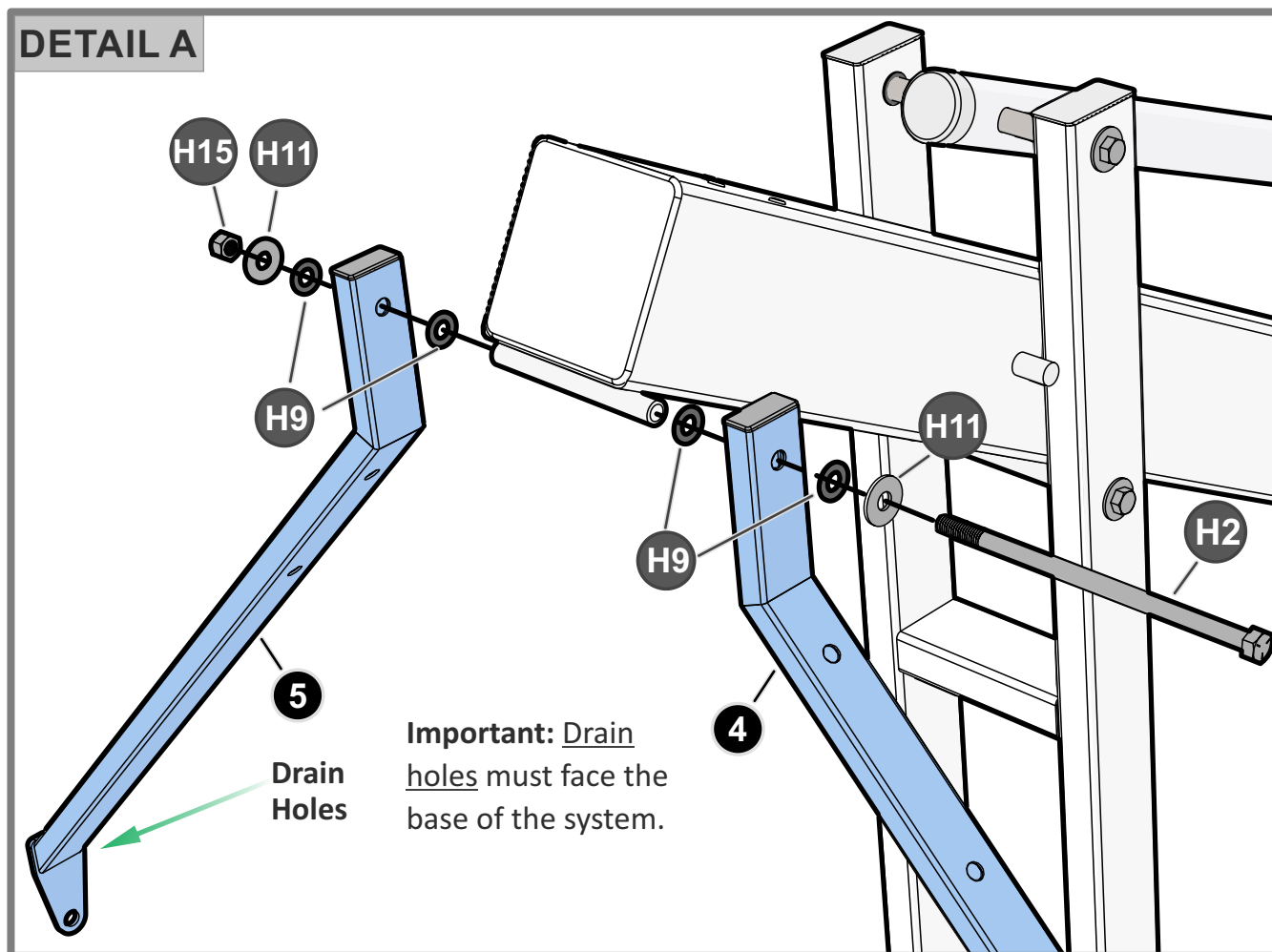
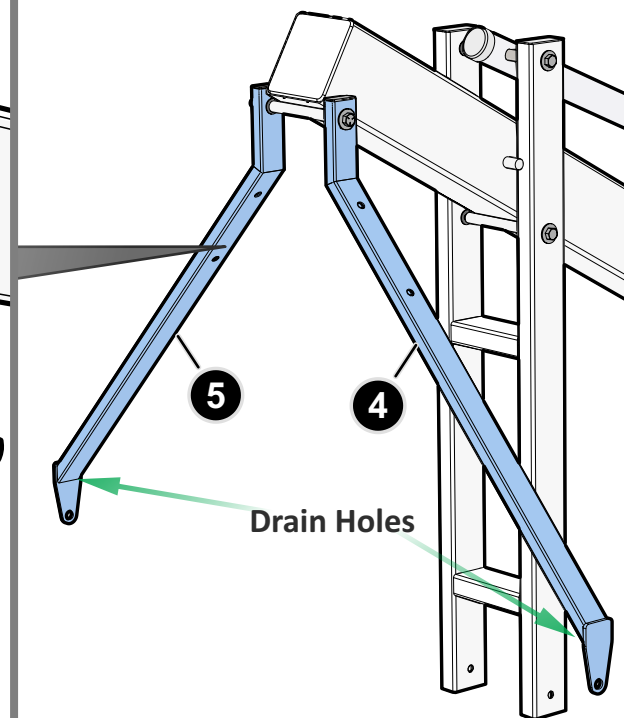


FIGURE 1



STEP 2

Attach the Cross brace (#6) with four Bolts (H3), eight Washers (H12) and four Nuts (H15) as shown in **Figure 1** and **Detail A**. Hand tighten only, the hardware will be tightened at a later step after the Backboard is attached.

NOTICE

ENSURE THAT THE DRAIN HOLES ARE LOCATED ON THE BOTTOM SIDE OF THE CROSS BRACE SO THAT RAIN DOES NOT ACCUMULATE WHEN POLE IS IN THE VERTICAL POSITION.

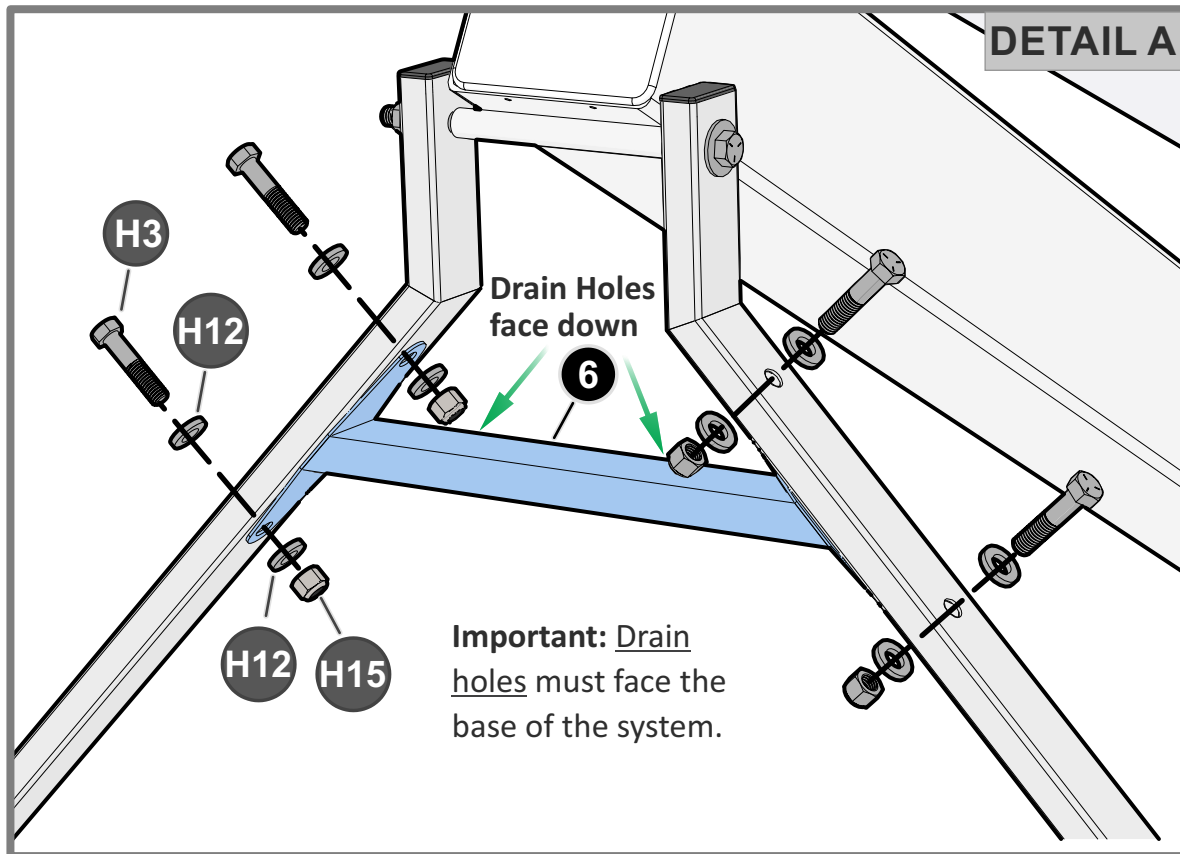
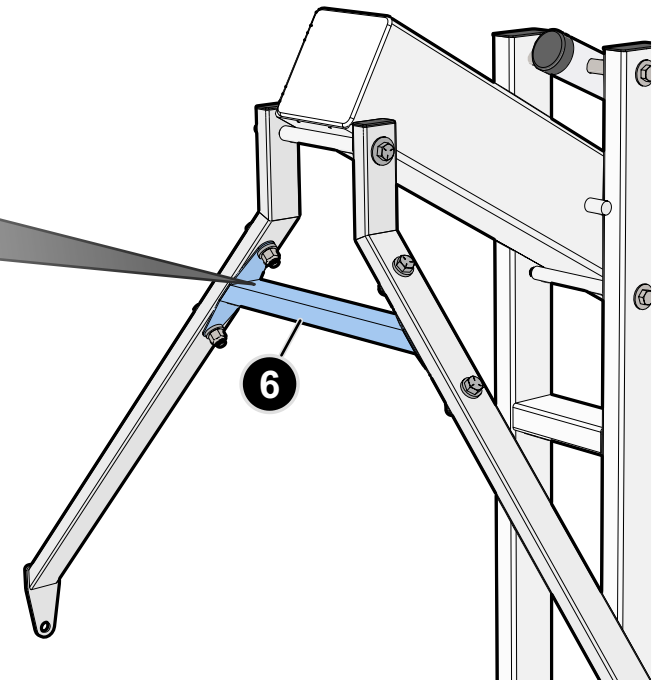


FIGURE 1

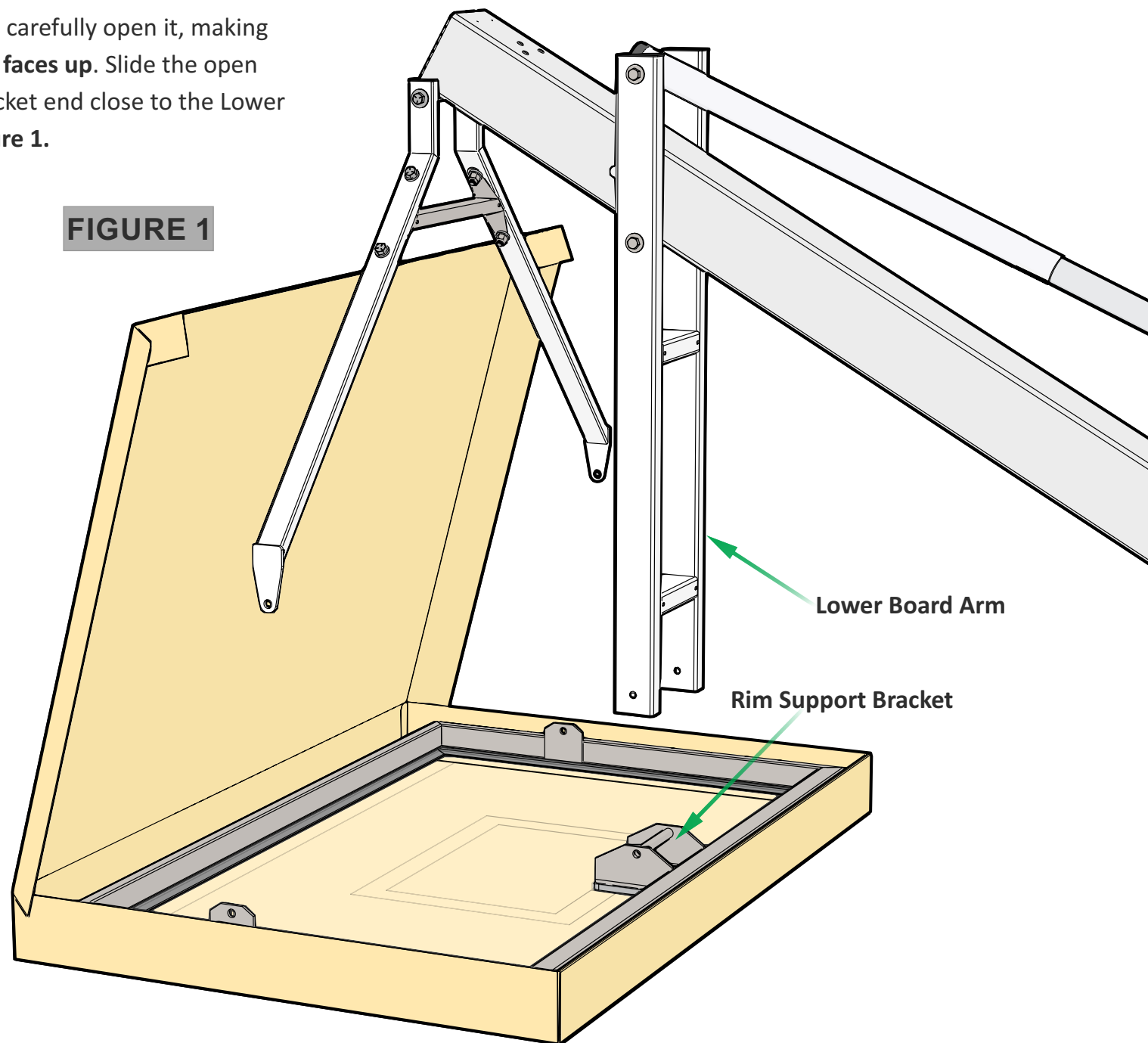


STEP 1

ATTACHING THE BACKBOARD

Locate the backboard box and carefully open it, making sure the **Rim Support Bracket** faces up. Slide the open box with the Rim Support Bracket end close to the Lower Board Arm assembly. See **Figure 1**.

FIGURE 1



STEP 2

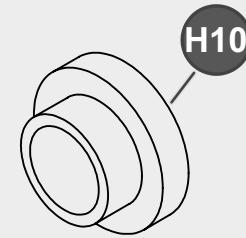
Insert two Step Board Bushings (**H10**) to the outside of the rim support bracket, as shown in **Detail A**. The Rim support and the Lower Arm (**#3**) will be assembled in the next step. Line up the rim support between the Lower board arms, as shown in **Figure 1**.

NOTICE

THE NEXT STEP REQUIRES AT LEAST THREE ADULTS, TWO TO LIFT THE BACKBOARD AND ONE TO ATTACH THE HARDWARE

HARDWARE NEEDED (ACTUAL SIZE)

2X



.5 ID-.640 OD X .948 Step Bushing
7B-6391-00

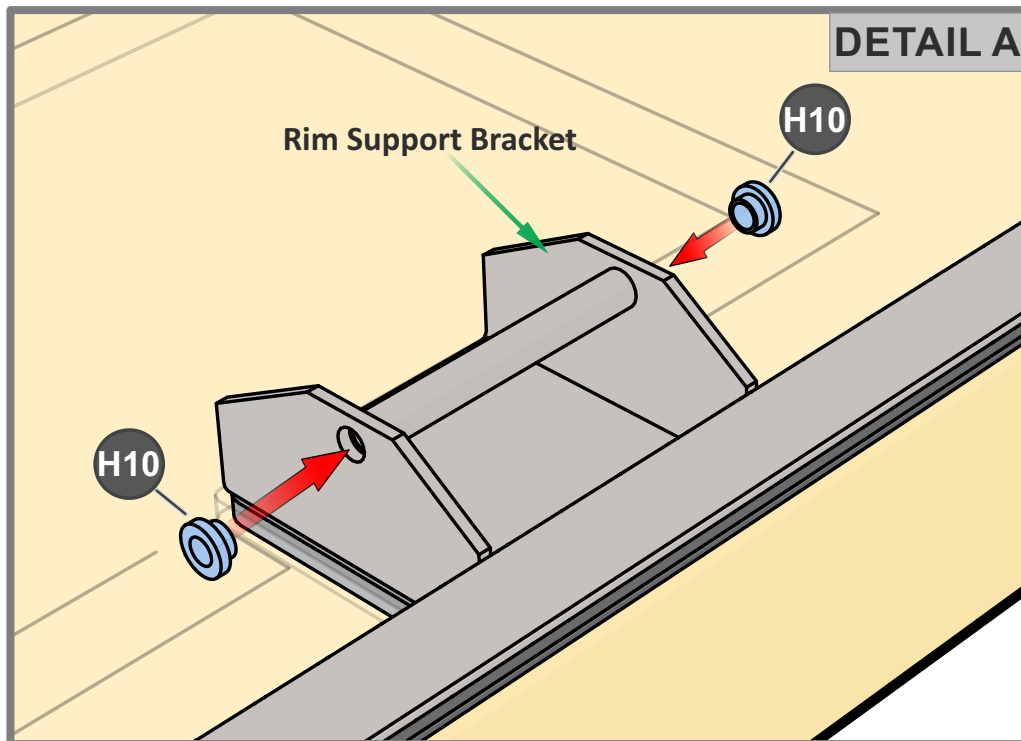
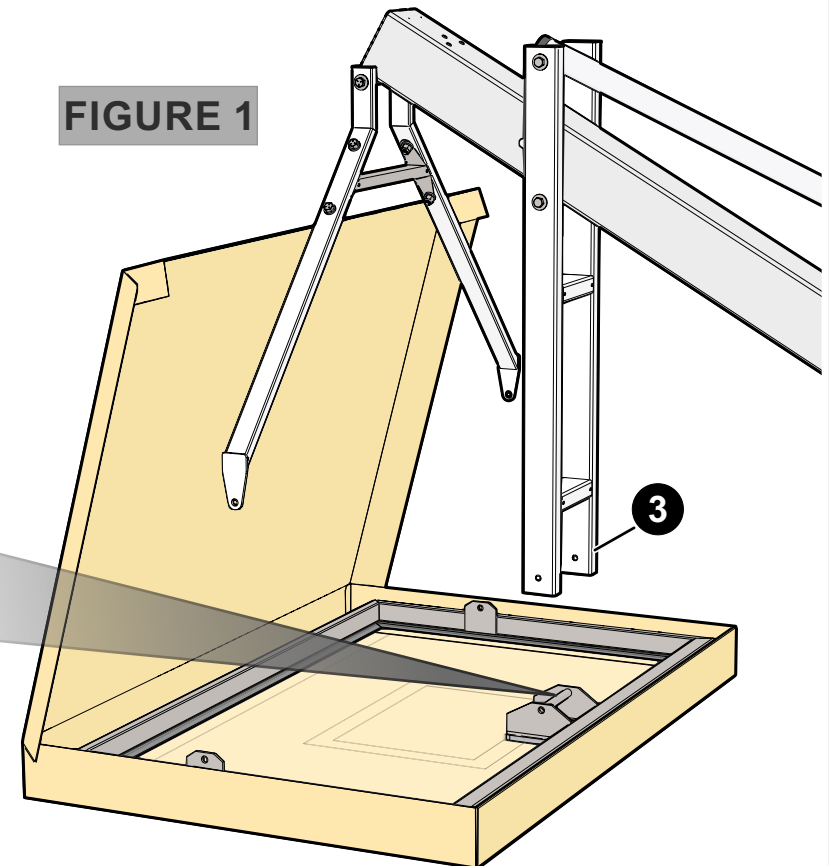
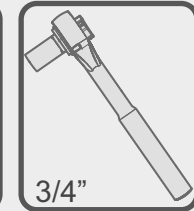
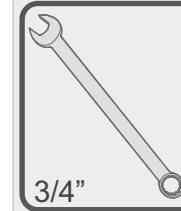


FIGURE 1

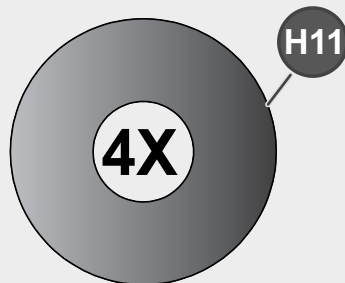
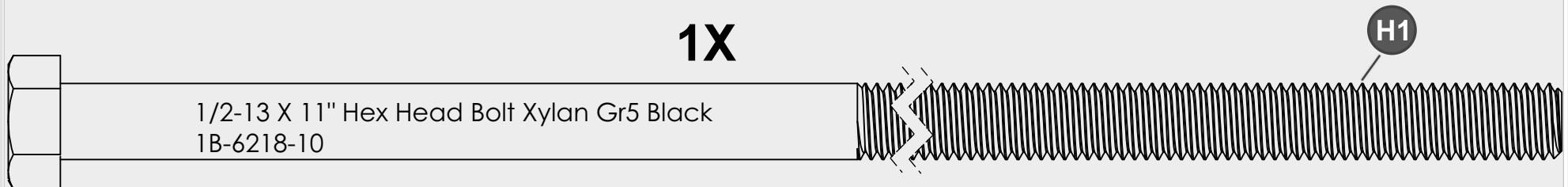


Before proceeding to the next step, ensure you have the following hardware and tools ready, along with at least **FOUR** capable adults. Read the next page thoroughly and understand it before beginning **steps 3-5** in the '**Attaching the Backboard**' section.

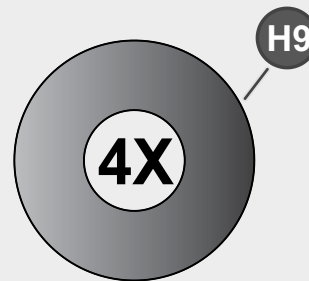
TOOLS NEEDED



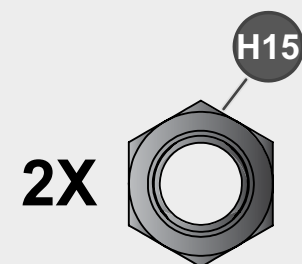
HARDWARE NEEDED (ACTUAL SIZE)



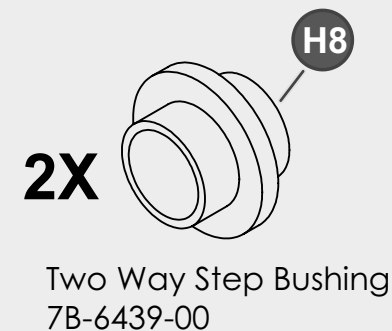
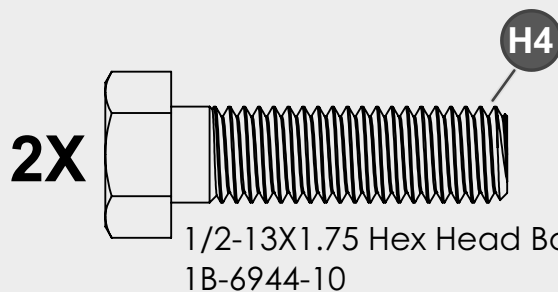
1/2" Flat Washer Xylan Black
2B-6093-10



1/2" X 1 1/4" Nylon Washer
3M-6245-00



1/2-13 Nut Nylok Thin Xylan Black
2B-6242-10



NOTICE

THIS STEP REQUIRES AT LEAST THREE ADULTS, TWO TO LIFT THE BACKBOARD AND ONE TO ATTACH THE HARDWARE

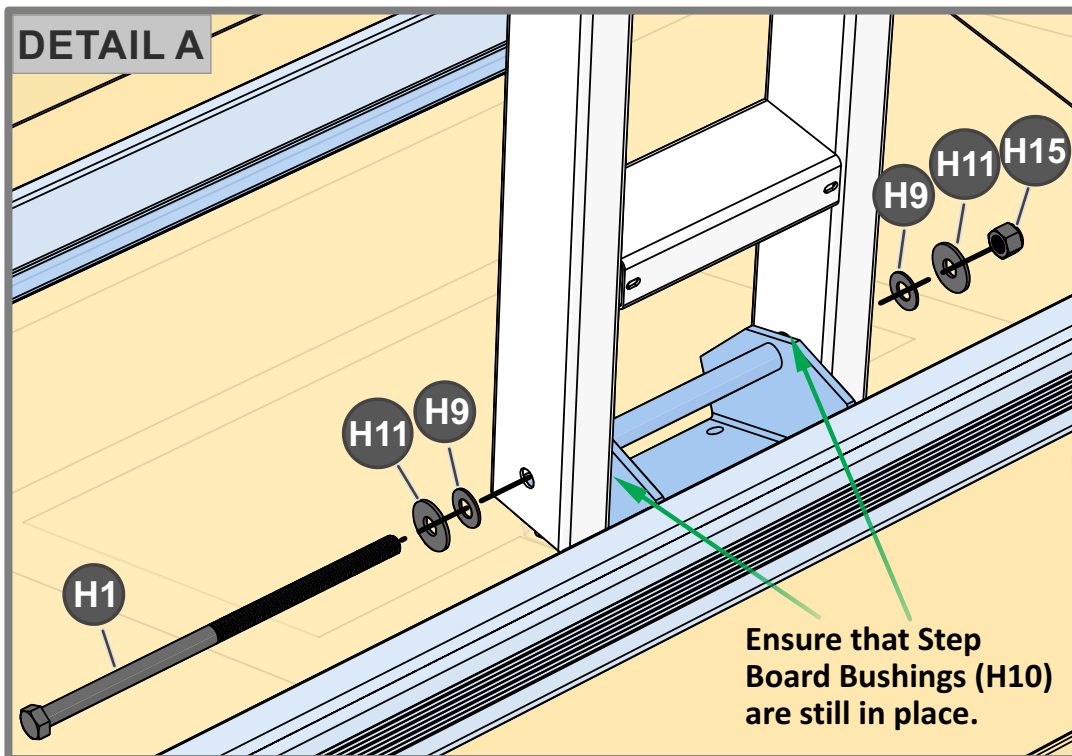
STEP 3

Install the lower section of the backboard on the lower board arms. Have at least two people lift up the lower section of the backboard and pivot it up while another person puts the bolt through. Hand-tighten the hardware. See Figure 1 & Detail A.

NOTICE

ONLY HAND TIGHTEN THE HARDWARE AT THIS TIME.

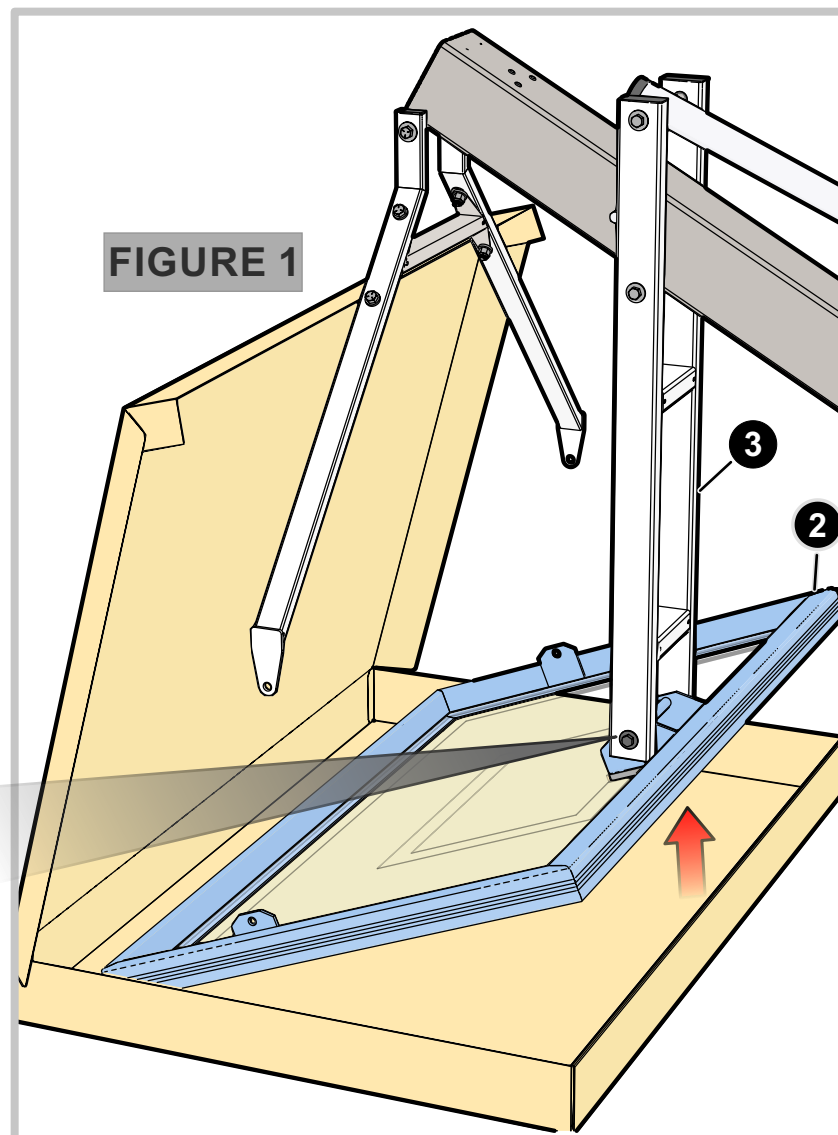
DETAIL A



WARNING

DON'T LEAN ON THE POLE/BACKBOARD OR APPLY UNNECESSARY WEIGHT OR FORCE DURING INSTALLATION.

FIGURE 1



STEP 4

Insert a 2-way step bushing (**H8**) to the outside of both upper arms, as shown in **Detail A**.

NOTICE

THE NEXT STEP REQUIRES AT LEAST THREE ADULTS, TWO TO LIFT THE BACKBOARD AND ONE TO ATTACH THE HARDWARE

DETAIL A

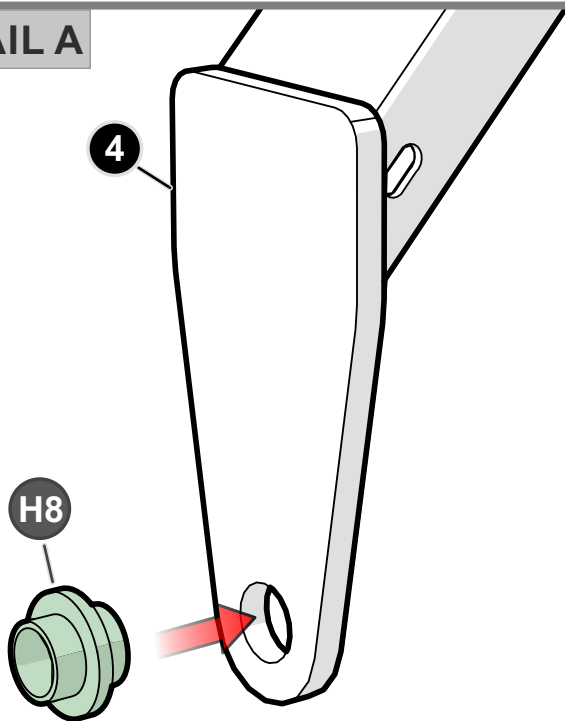
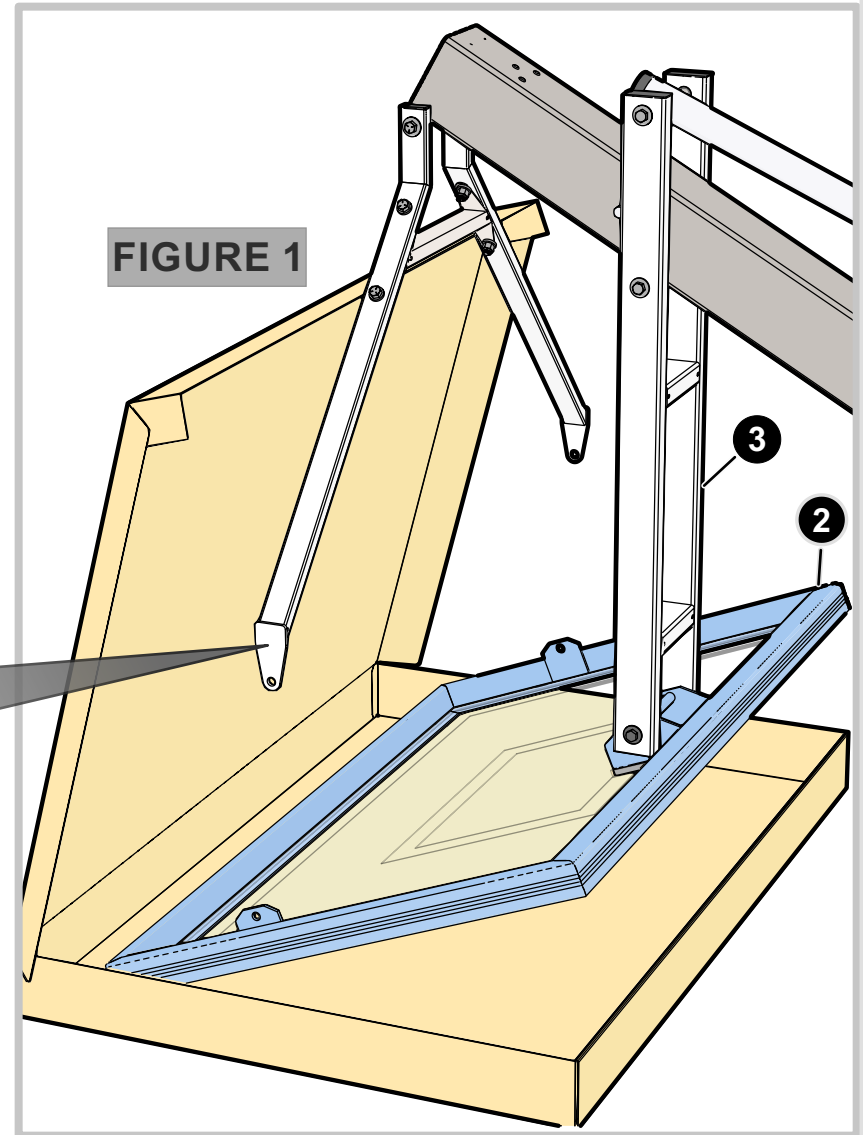


FIGURE 1



NOTICE

THIS STEP REQUIRES AT LEAST THREE ADULTS, TWO TO LIFT THE BACKBOARD AND ONE TO ATTACH THE HARDWARE

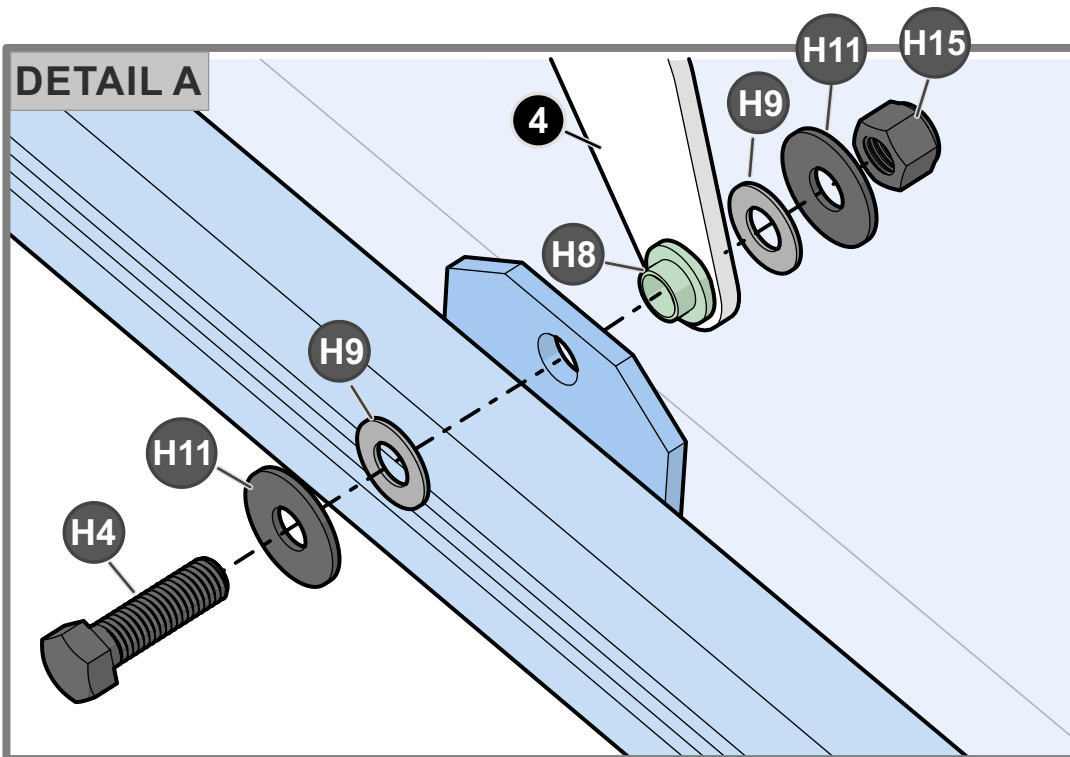
STEP 5

With the help of two capable adults, lift the end of the backboard to line up the holes on the upper arms (#4 & #5). Ensure Bolts (H4) are placed from the outside of the backboard bracket and secure the Backboard to the upper arms, as shown in **Detail A & Figure 1**.

Tighten all hardware at this time.

NOTICE

TIGHTEN ALL HARDWARE AT THIS TIME.



WARNING:

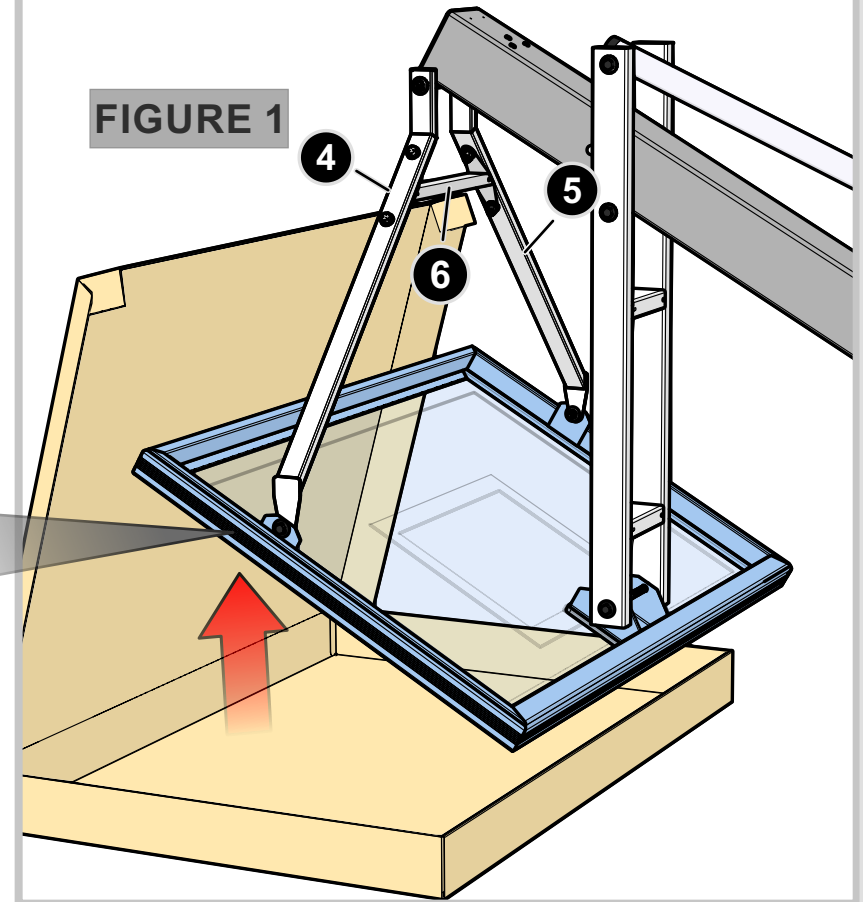
AT LEAST 4 CAPABLE ADULTS ARE REQUIRED TO RAISE THE BACKBOARD ASSEMBLY.



WARNING:

DON'T LEAN ON THE POLE/BACKBOARD OR APPLY UNNECESSARY WEIGHT OR FORCE DURING INSTALLATION.

FIGURE 1



STEP 1

RAISING & SECURING THE ASSEMBLY

Ensure that there's a washer (**A7**) on each of the anchor bolt nuts as shown in **Detail A**.

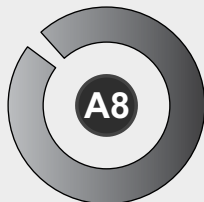
STEP 2

Before proceeding to the next step, have the following hardware and tools ready along with at least **four** other capable adults, read the next page thoroughly, and understand it before beginning the next step.

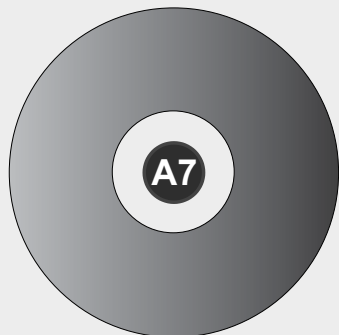
HARDWARE NEEDED (ACTUAL SIZE)



5/8"-11 HEX NUT, BLACK
2B-6097-02
(QTY. 4)



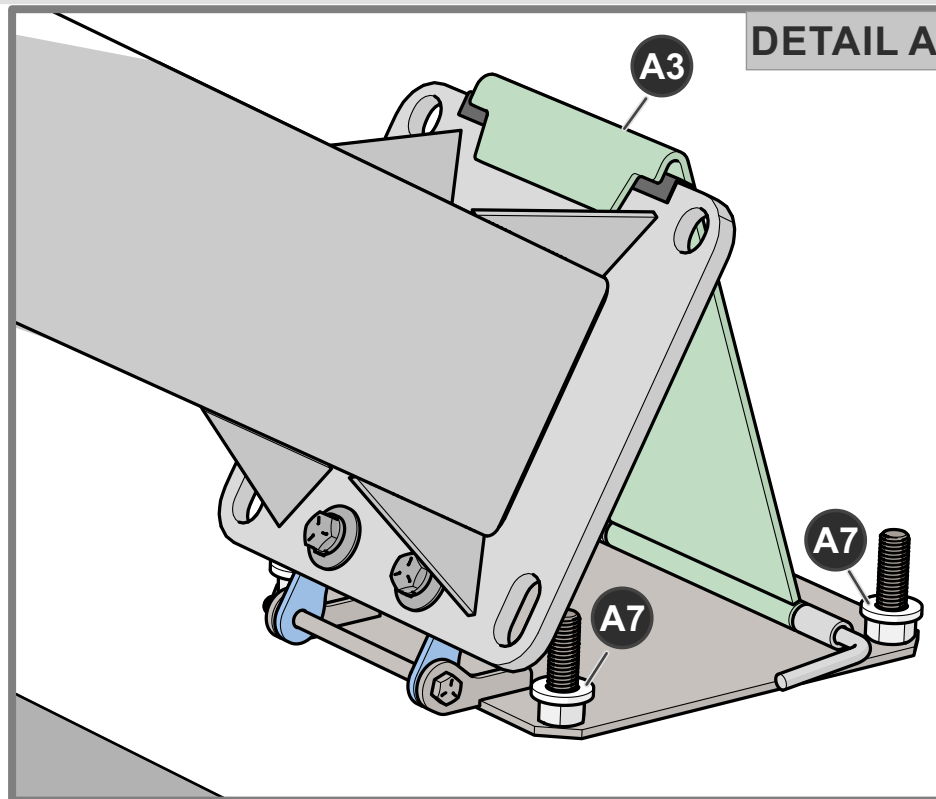
5/8" SPLIT LOCK
WASHER, BLACK
2B-6099-02
(QTY. 4)



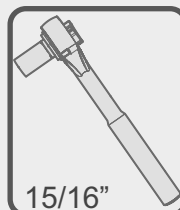
5/8" FLAT WASHER, BLACK
2B-6098-03
(QTY. 4)

***Hardware located in Anchor kit box**

DETAIL A

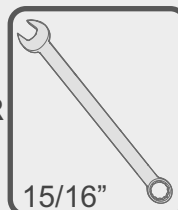


TOOLS NEEDED

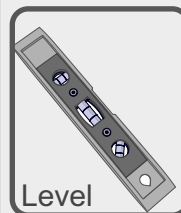


15/16"

OR



15/16"



Level

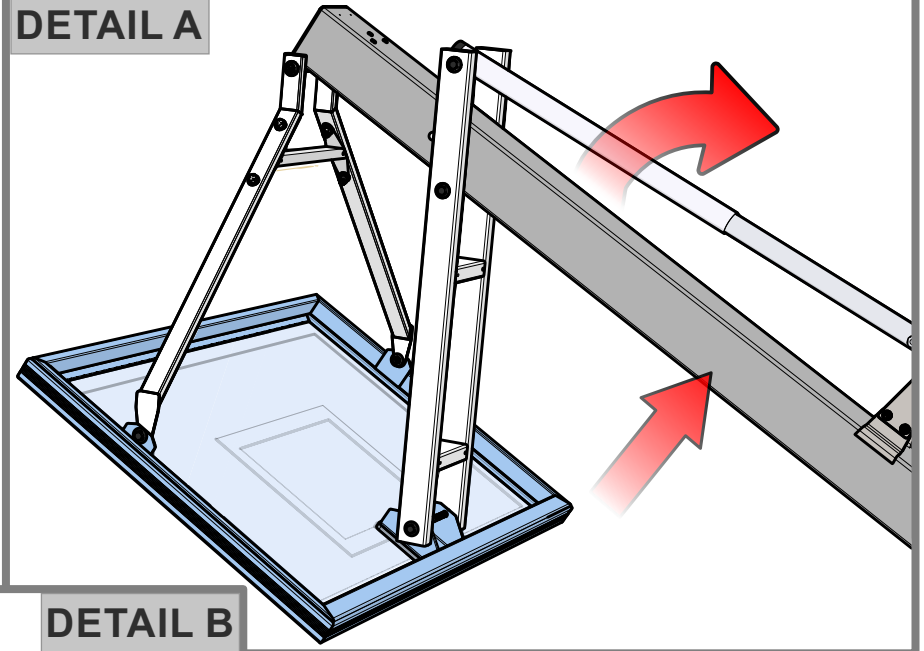
STEP 3

With four capable adults, raise the assembly in a controlled manner. The installation bracket will fall out of the way when raising the system. See **Detail A** & **Detail B**.

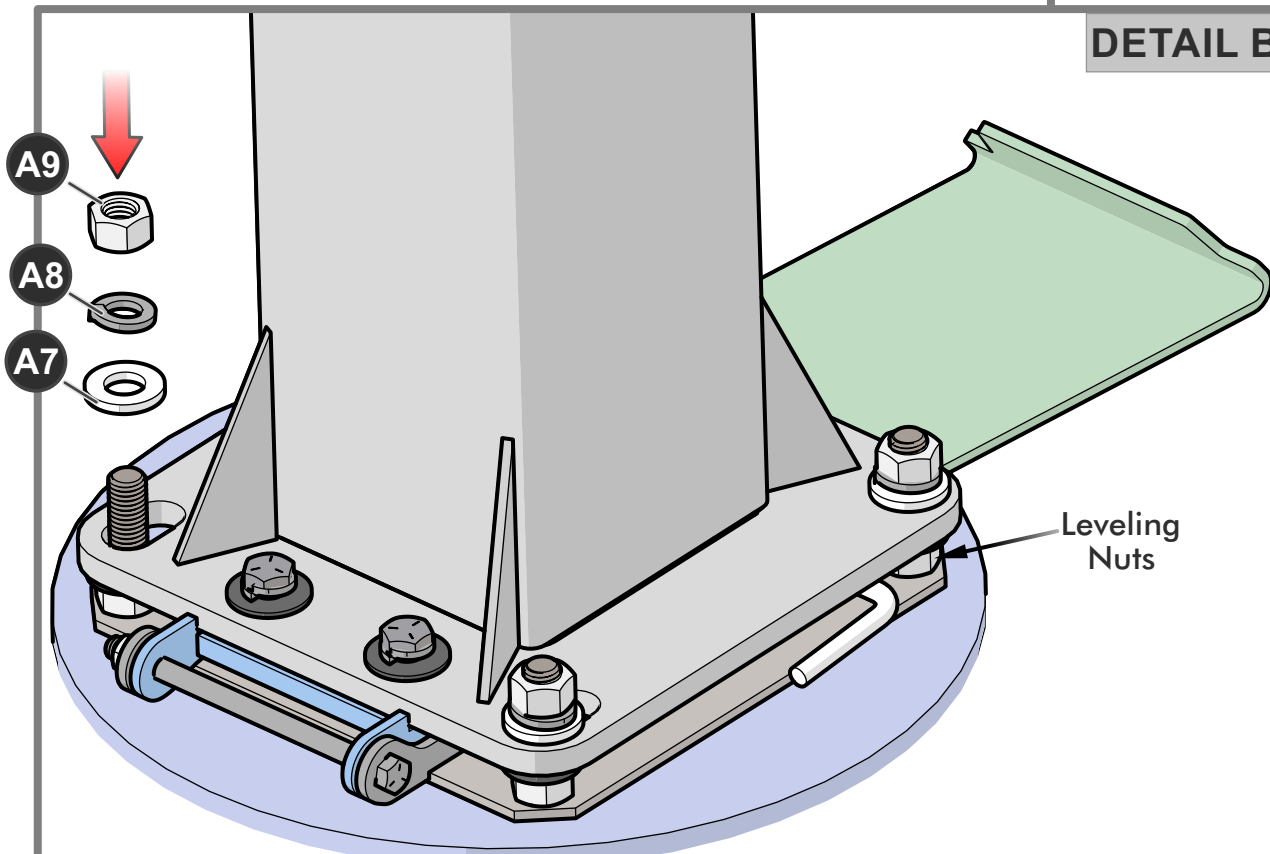
STEP 4

Continue lifting the assembly until the pole is resting on the anchor system. While the others keep the pole assembly upright have one person place a washer (**A7**), lock washer, (**A8**) and nut (**A9**) on each anchor bolt. Hand-tighten it until the pole is secure. See **Detail B**.

DETAIL A



DETAIL B



WARNING:

DO NOT RELEASE THE SYSTEM UNTIL ALL FOUR A9 NUTS HAVE BEEN INSTALLED ONTO J-BOLTS.



WARNING:

AT LEAST 4 CAPABLE ADULTS ARE REQUIRED TO RAISE THE POLE AND BACKBOARD ASSEMBLY.

DANGER

DO NOT REMOVE THE HINGE PLATE OR HINGE PIN UNTIL THE ANCHOR BOLT HARDWARE IS ON THE ANCHOR BOLTS AND THE POLE IS NOT ABLE TO TIP OVER .

STEP 5

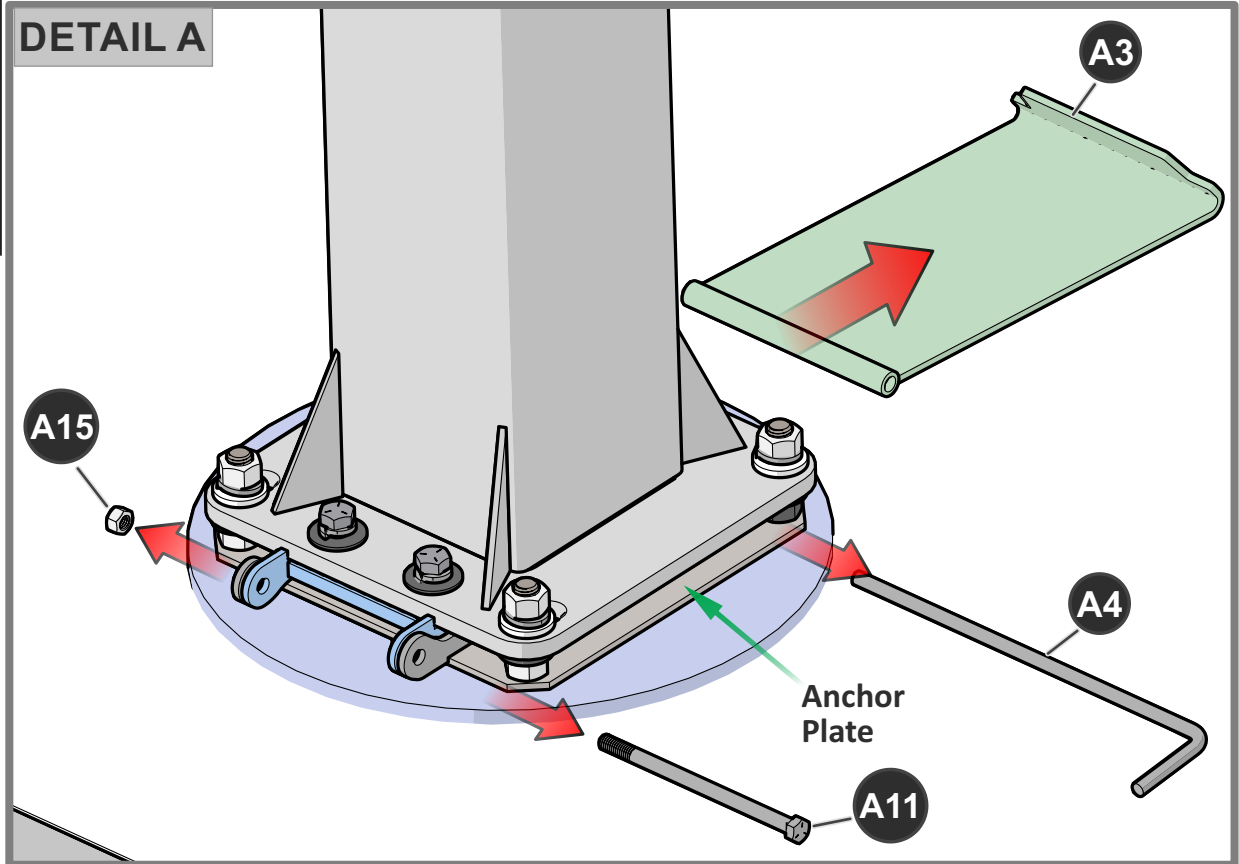
Once the pole is secured to the anchor plate, remove the hinge pin (**A4**) and the hinge plate (**A3**) from the back. See **Detail A**.

STEP 6

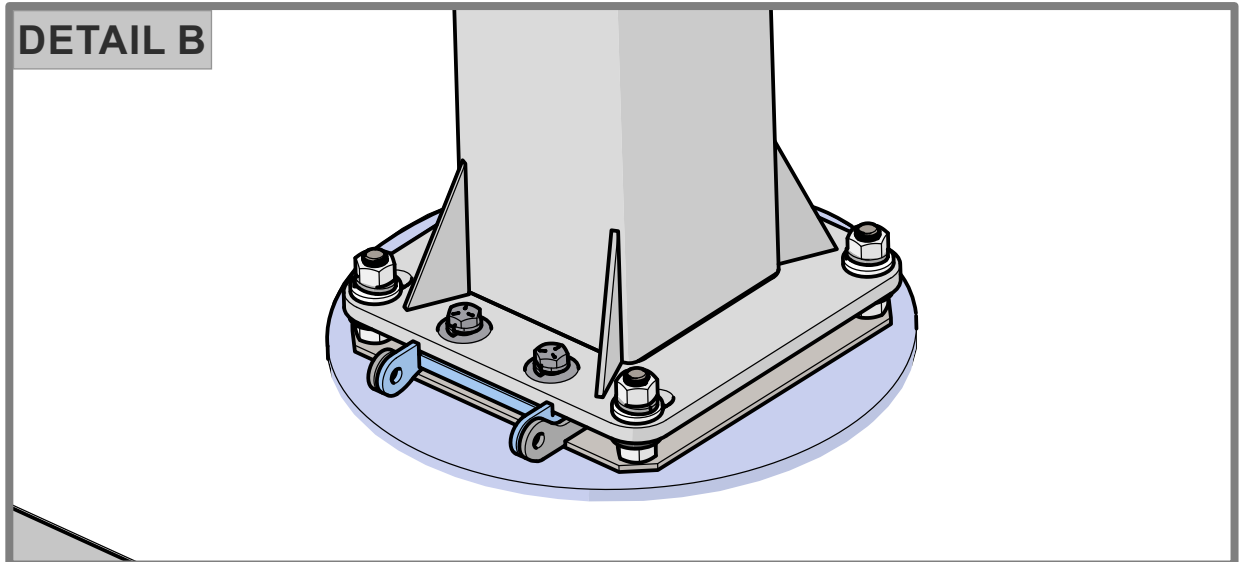
Remove Bolt (**A11**) & Nut (**A15**) at the front of the plate before proceeding. This will ensure that you can level your system in later steps. Keep the hardware (plate, hinge pin, bolt, and nut) for future use. See **Detail A**.

NOTICE: To level the system, the front hinge bolt (**A11**) will have to be removed. Also, the two small bolts on the pole base may need to be loosened or removed before leveling the system.

DETAIL A



DETAIL B



STEP 7

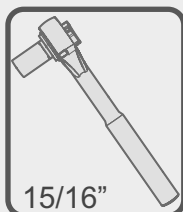
Place a level on the pole and adjust the bottom nuts until the pole is level (left to right and front to back). Then, tighten the top four hex nuts.

NOTICE

WHEN TIGHTENING, TURN BOTH TOP AND BOTTOM NUTS AT THE SAME TIME. TURN THE TOP NUT CLOCKWISE AND THE BOTTOM NUT COUNTERCLOCKWISE TO PREVENT THE ANCHOR BOLTS FROM TURNING. SEE DETAIL A.

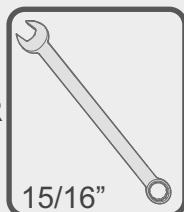
DETAIL A

TOOLS NEEDED

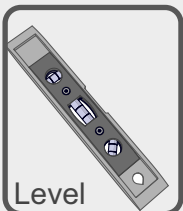


15/16"

OR



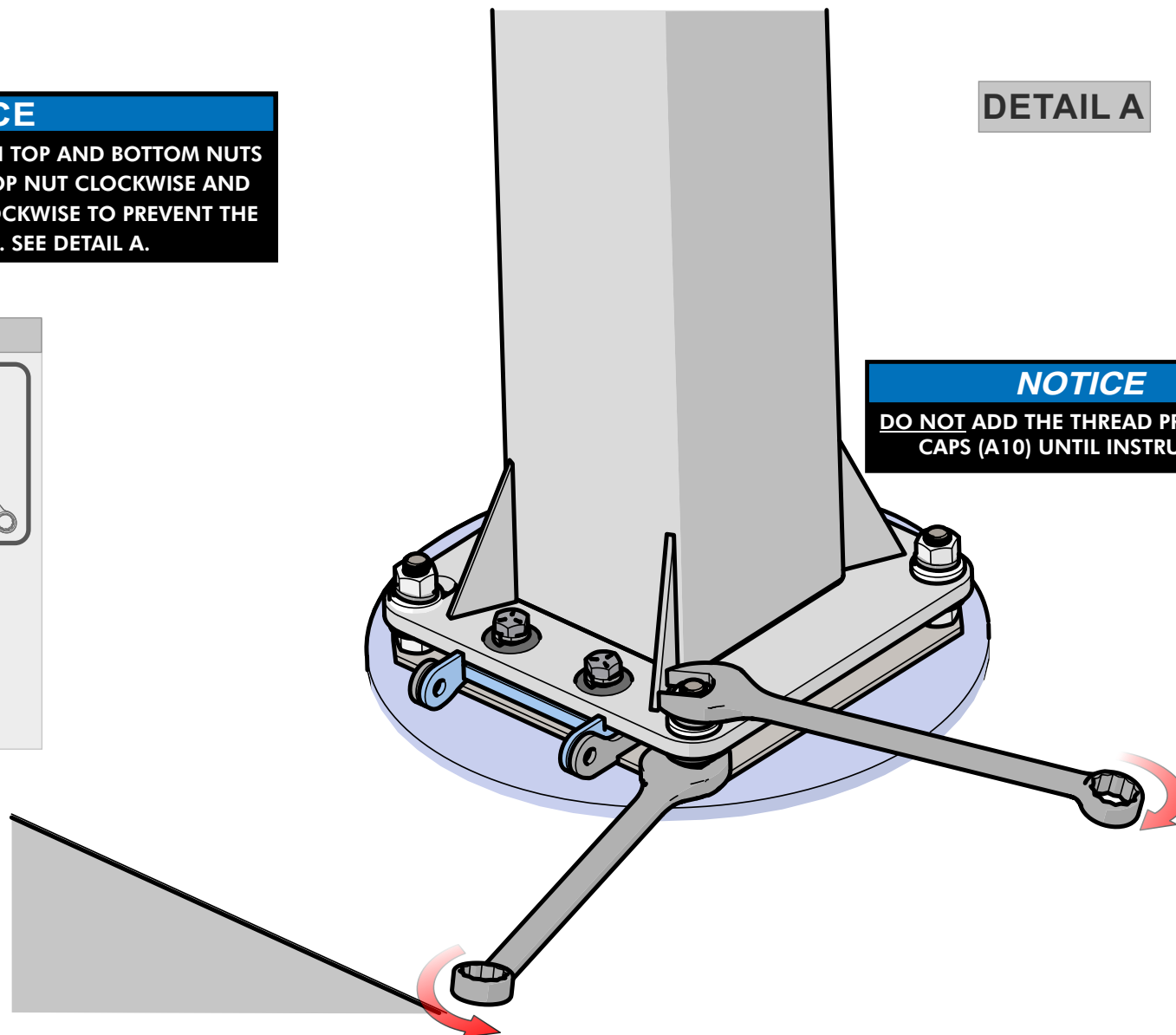
15/16"



Level

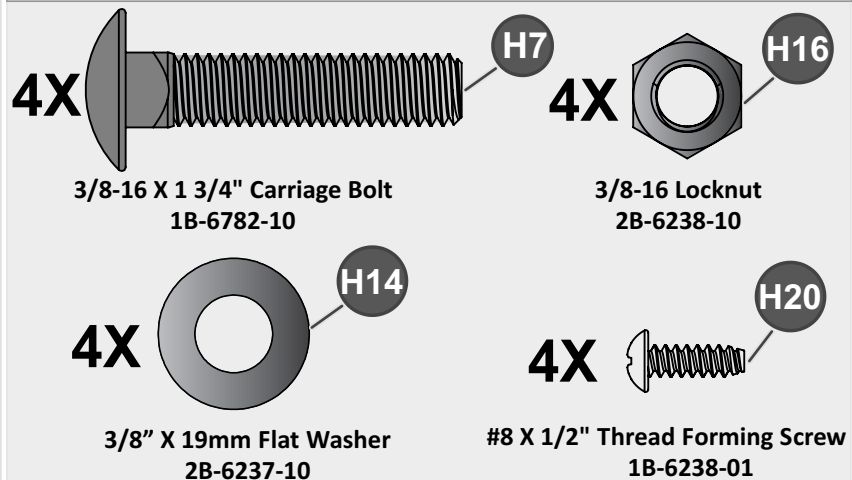
NOTICE

DO NOT ADD THE THREAD PROTECTOR CAPS (A10) UNTIL INSTRUCTED.



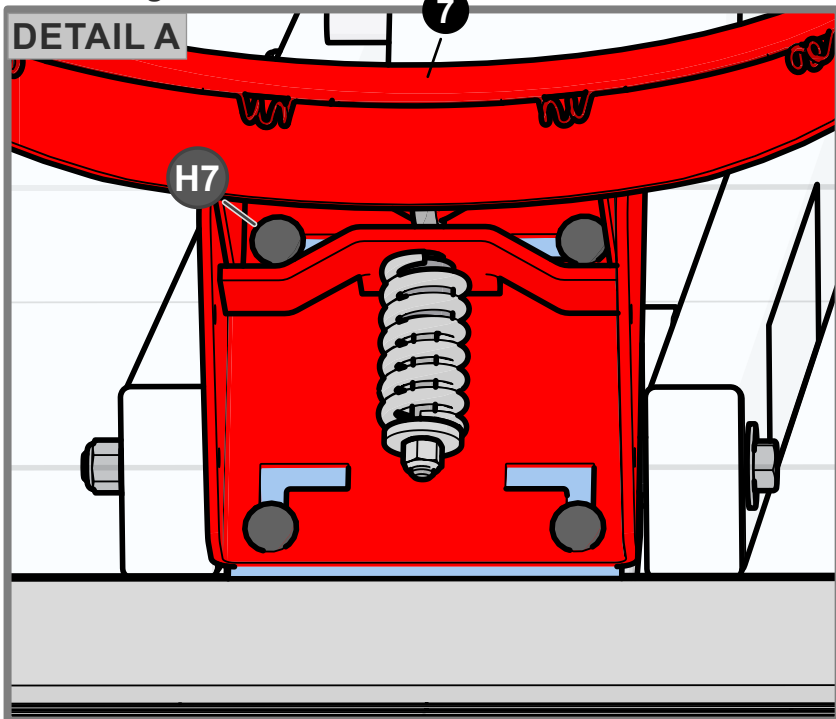
INSTALLING THE GOAL ASSEMBLY

HARDWARE NEEDED (ACTUAL SIZE)



STEP 1

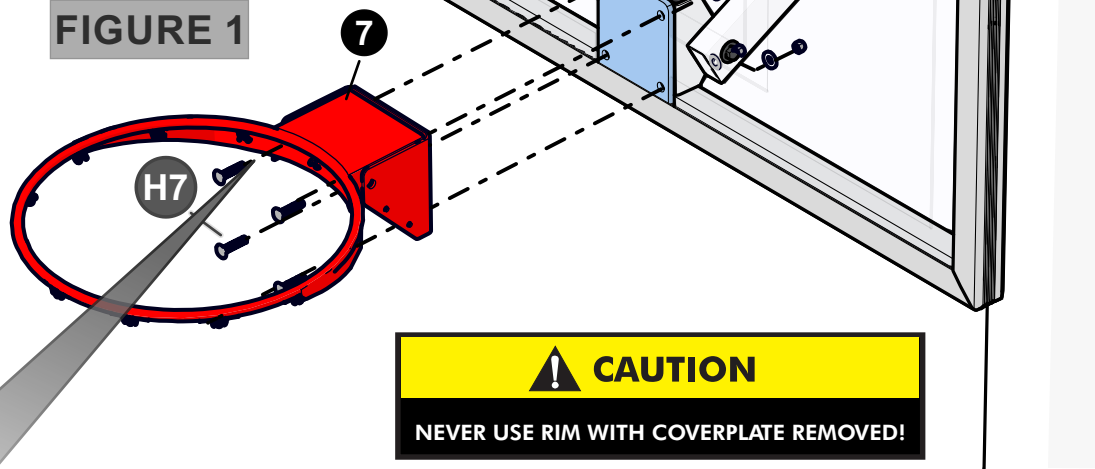
Mount the Goal Assembly (#7) to the backboard as shown. Tighten the nuts (H16), but leave them loose enough to level the Rim. See **Figure 1** & **Detail A**.



TOOLS NEEDED



FIGURE 1



CAUTION

NEVER USE RIM WITH COVERPLATE REMOVED!

NOTICE

USE CAUTION IF USING A LADDER FOR THIS STEP.

STEP 2

Place the Level across the Goal Assembly (#7) and adjust until it is level. Finish tightening nuts (**H16**) until the Rim is secure.

See **Figure 2**.

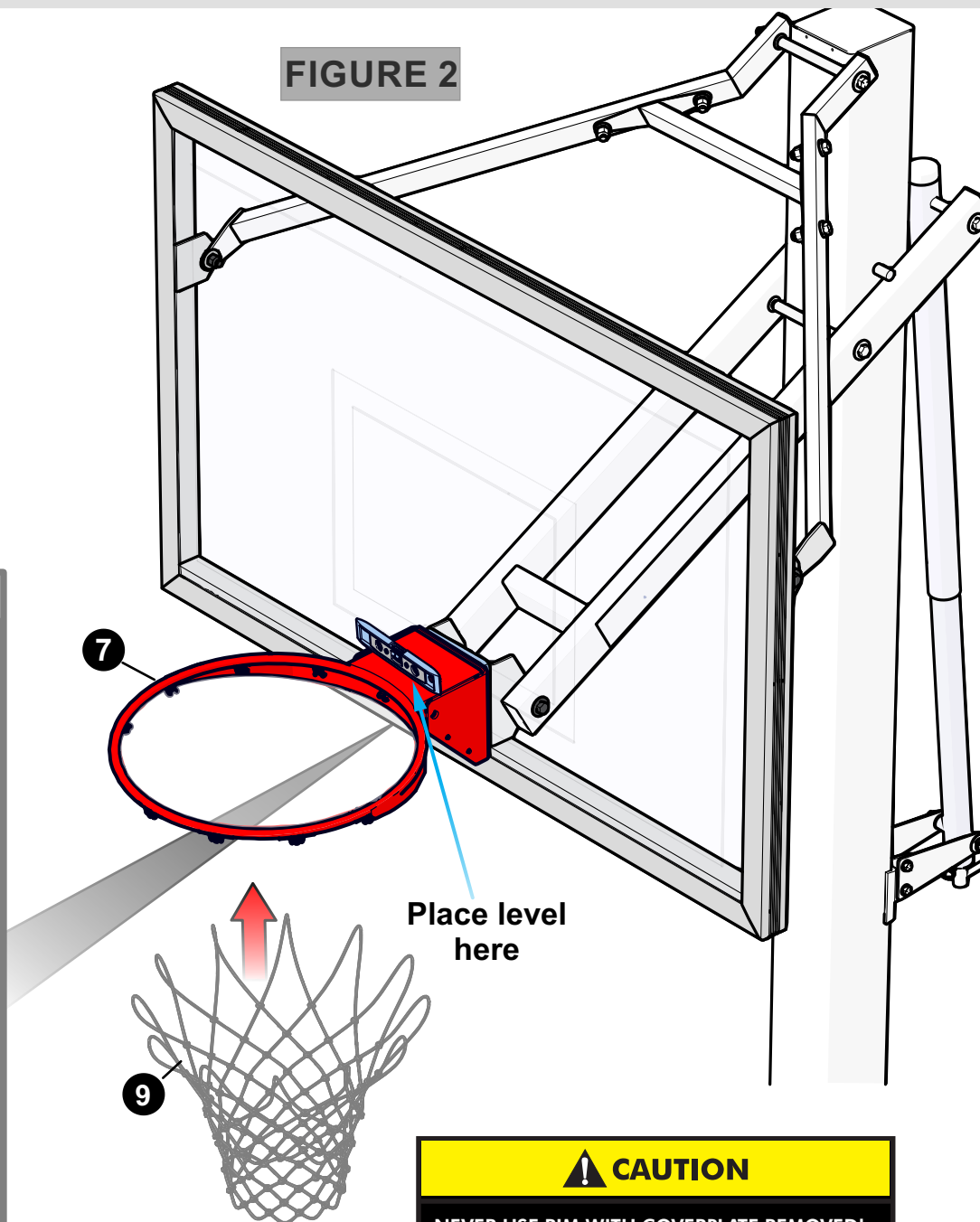
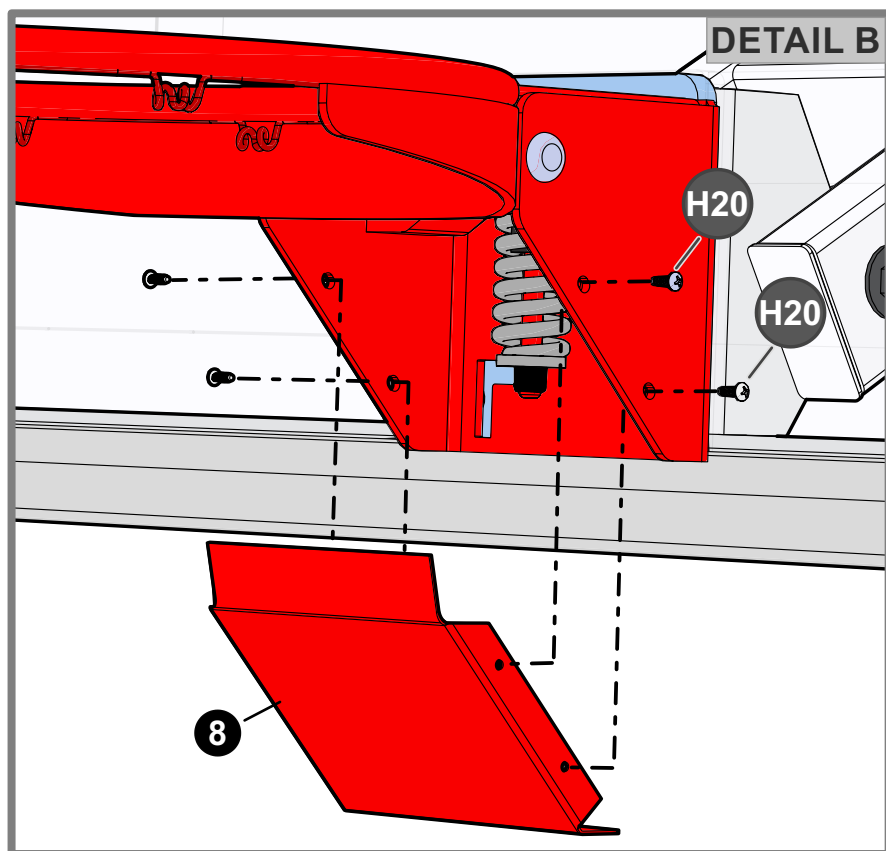
STEP 3

Attach Rim Cover Plate (#8) with four screws (**H20**).

See **Detail B**.

STEP 4

Attach Rim Net (#9).



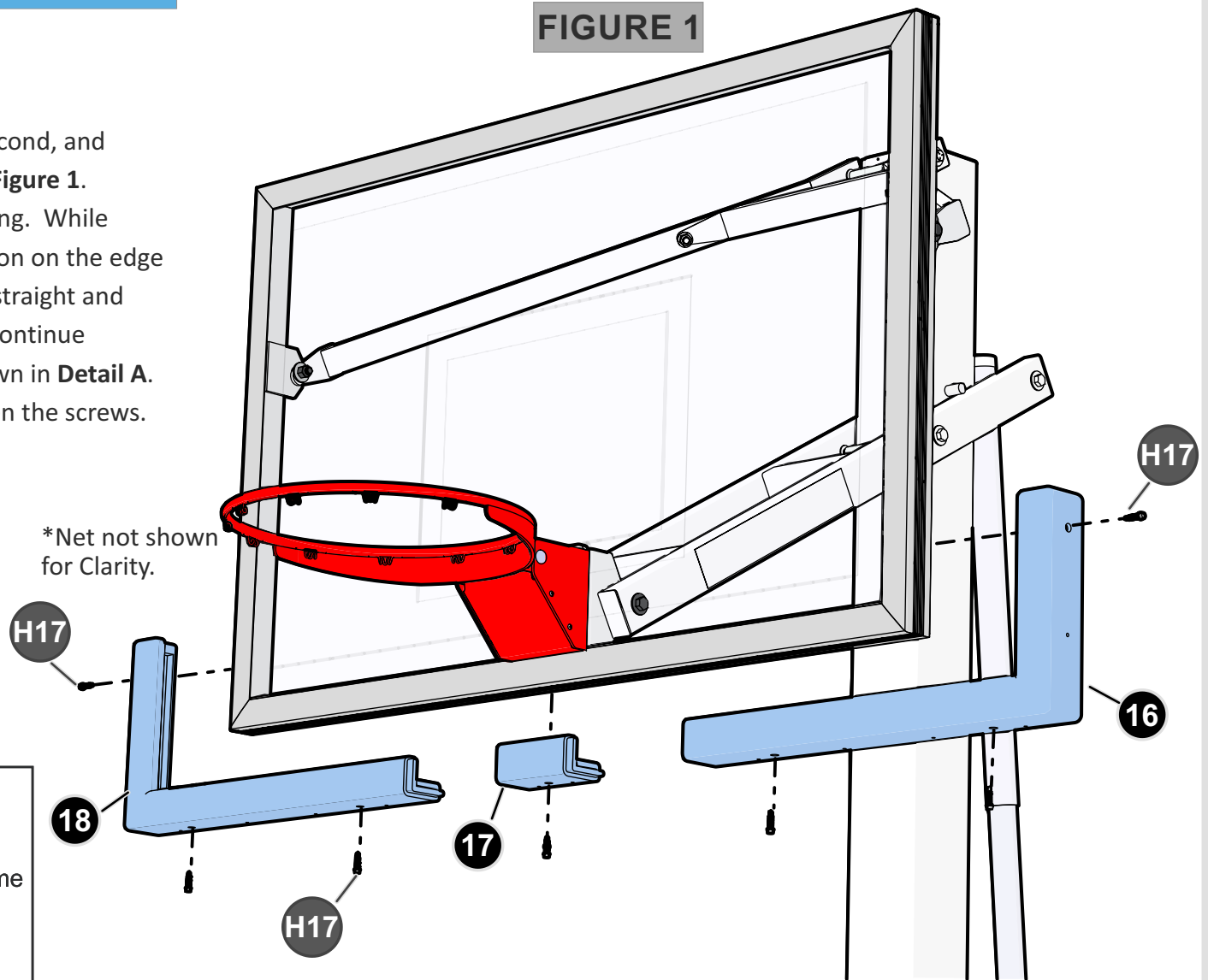
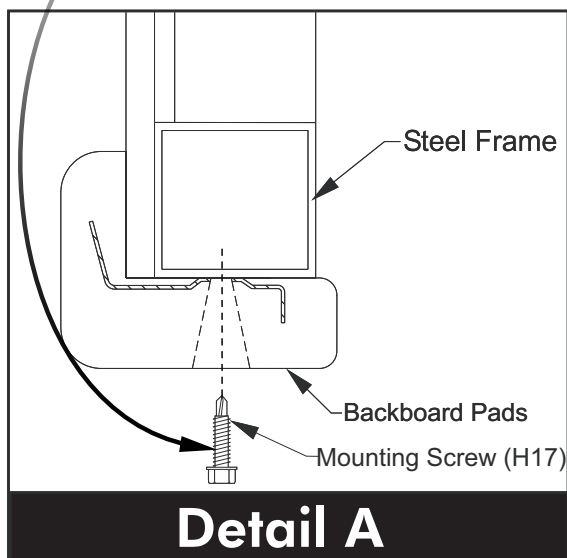
CAUTION
NEVER USE RIM WITH COVERPLATE REMOVED!

INSTALLING THE BACKBOARD PADS

STEP 1

Secure Backboard pads (#18) first, (#17) second, and (#16) last using screws (H17), as shown in **Figure 1**. Screws (H17) are self-drilling and self-tapping. While holding each board pad in its correct position on the edge of the backboard, hold the drill and screw straight and drill through the aluminum trim and then continue through one side of the steel frame as shown in **Detail A**. Tighten until secure, but do not over-tighten the screws.

Important Note: Cordless Drill and board pad screws must be drilled in **straight** to avoid shattering the backboard glass.



Note: Part (#16) is a Right Backboard pad & (#18) is a Left Backboard pad.

Note: Safety glasses required for these steps.

Note: A Cordless drill is required for screws (H17) installation. Do not over tighten screws.

Note: To install screws, you must use a cordless drill with a 5/16" socket.

FINAL LEVEL & ANCHOR CAPS

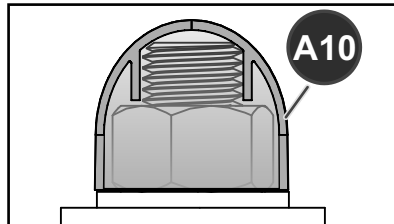
STEP 1

If further leveling is required, loosen the top nuts (**A9**), but do not loosen past the top of Anchor "J" Bolt (**A6**). **DO NOT REMOVE NUTS.**

Place a level on the front of the backboard and adjust the bottom nuts (**A9**) with a 15/16" open-end wrench until the backboard is level. Tighten top (**A9**) hex nuts. See **Detail A**.

STEP 2

On each Anchor bolt (**A6**), place and push on the Anchor Cap (**A10**) until it is securely in place. The cap may be tight, so push hard, but **DO NOT** hit it with a hammer! See **Detail A** and **Detail B**.



DETAIL B

NOTE:

If basketball system needs to be moved, **do not** try to salvage caps. Caps **A10** will be tight, please remove with pliers and discard. New caps will come in new anchor system.

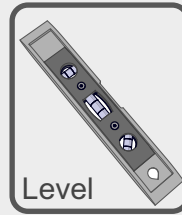
NOTE:

If **A10** caps are missing for any reason please call customer service.

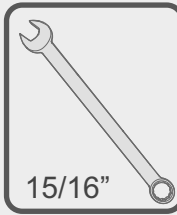
NOTE:

Bottom nuts **A9** can be used for leveling system. See **Step 1**.

TOOLS NEEDED



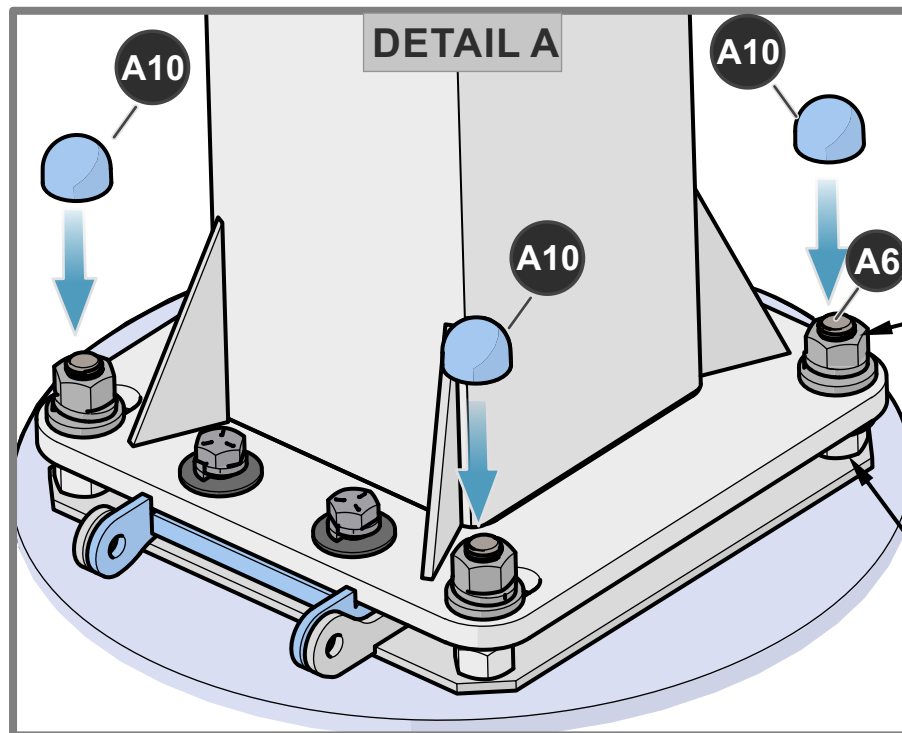
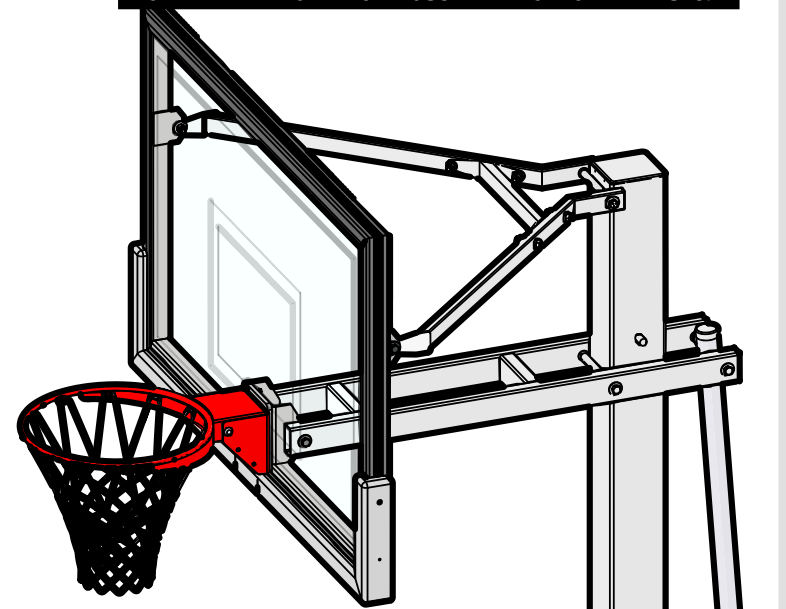
Level



15/16"

NOTICE

TWO ADULTS ARE RECOMMENDED FOR THIS STEP, ONE TO LEVEL AND ONE TO ADJUST THE BOTTOM A9 NUTS.



DETAIL A

Use 15/16" socket or Box end wrench to adjust Nut.

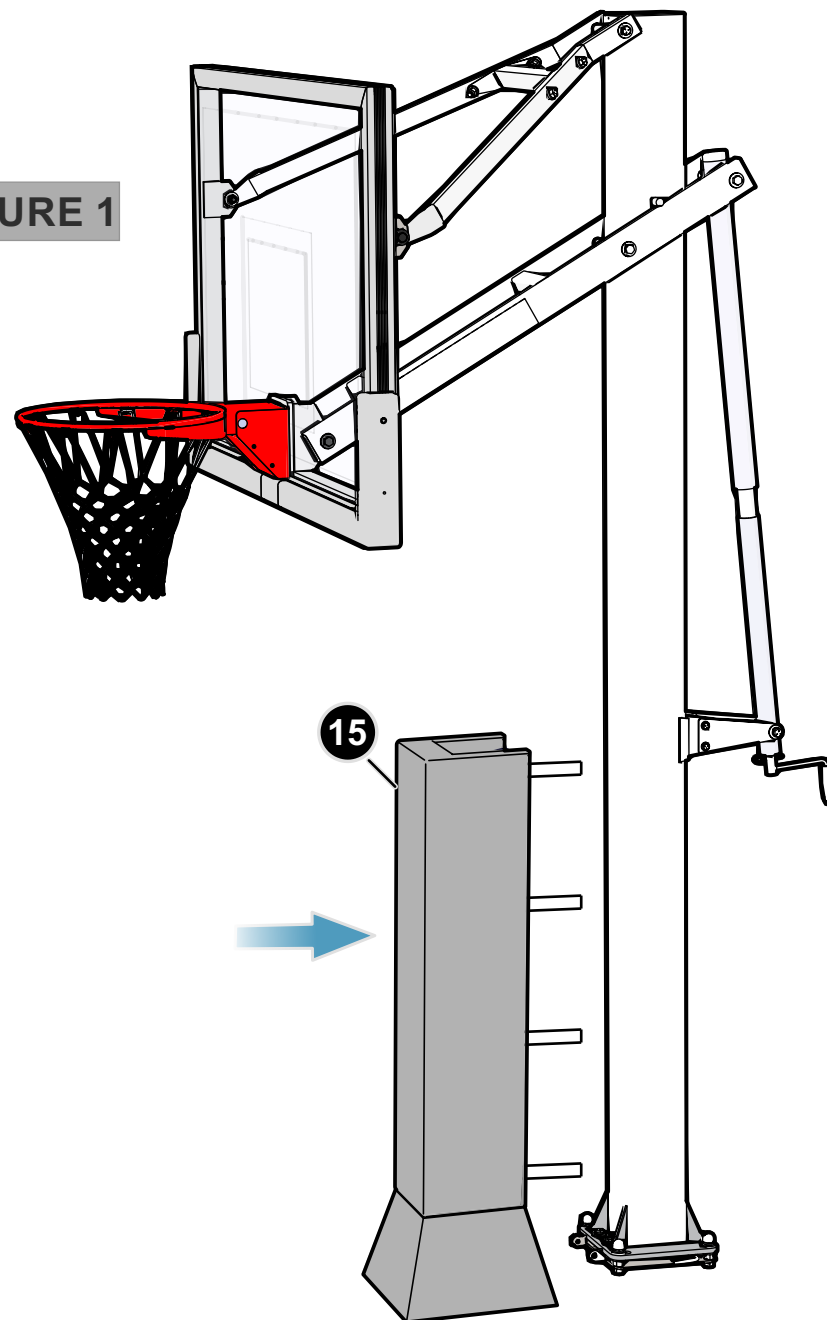
Use 15/16" open end wrench to adjust Nut A9.

ATTACHING THE POLE PAD

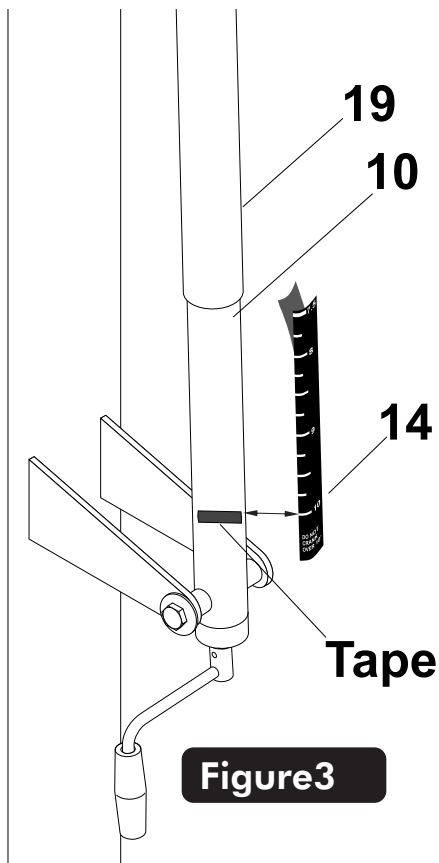
STEP 1

Secure the Post Pad (#15) to the front of the pole by wrapping straps around the back of the pole and sticking them to Velcro on the opposite side of the pad, as shown in **Figure 1**.

FIGURE 1



1. Raise the Backboard to 10 feet, which is the regulation playing height. Measure from the top of the rim straight down to the playing surface.
2. Using tape - mark the side of the steel actuator (**#10**) just under the plastic actuator sleeve (**#19**) at this 10 ft rim height. See **Figure 1**.
3. Lower backboard all the way down. Do not force the actuator once the backboard is in its lowest position. See **Figure 2**.
4. **Do not** remove the adhesive backing from the height decal (**#14**) yet. Carefully place the height decal on the backside of the steel actuator (**#10**) and line up the 10 ft mark on the tape with the 10 ft mark on the height decal. The decal should fit correctly onto the backside of the steel actuator. If it does not, simply trim the top of the actuator decal to fit properly.



HEIGHT DECAL FOR ACTUATOR

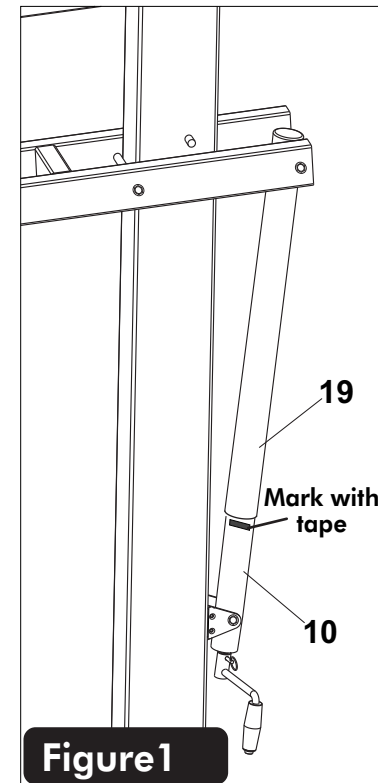


Figure1
Set at 10 feet

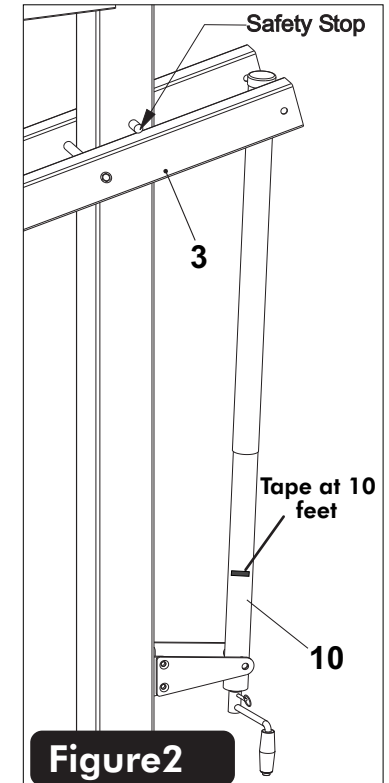


Figure2
Lowered all the way down

5. Remove the adhesive backing from the Height Decal (**#17**) and carefully align and stick the decal to the back of the steel actuator (**#16**) starting at the **10 ft mark first**. Be sure to keep the height decal straight and rub out all air bubbles. See **Figure 3**.

CARE AND MAINTENANCE

BACKBOARD CARE AND MAINTENANCE

Items needed to clean backboard:

- 100% cotton soft cloth, (only)
- Glass cleaner

Clean backboard using only a **100% Cotton** soft cloth and glass cleaner. Clean glass as you would clean household windows. Strong cleansers will damage backboard and void warranty.

MAINTENANCE

To ensure ease of operation, lubricate all pivot points at least every 6 months or as needed with a good lubricant such as WD-40.

RUST

Inspect your pole periodically, if rust should appear, remove loose paint, sand lightly, primer and paint with exterior flat matte finish enamel paint.

NOTICE

- Do not crank the goal over 10'. Damage to the actuator could occur.
- Do not allow children to adjust system.

LIMITED LIFETIME WARRANTY

This consumer warranty extends to the original consumer purchase of any Escalade® Sports Product (hereinafter referred to as the "Product").

WARRANTY COVERAGE: Escalade® Sports warrants to the original Consumer Purchaser that any Product of its manufacture is free from defects in material and workmanship. THIS WARRANTY IS VOID IF THE PRODUCT HAS BEEN DAMAGED BY ACCIDENT, UNREASONABLE USE, NEGLIGENCE, IMPROPER SERVICE, FAILURE TO FOLLOW INSTRUCTIONS PROVIDED WITH THE PRODUCT OR OTHER CAUSES NOT ARISING OUT OF DEFECTS IN MATERIAL OR WORKMANSHIP.

Subject to proper installation and normal Residential use, Escalade® Sports warrants, subject to the limitations below, to the original retail purchaser all structural components of the Goalrilla™ System to be free of defects in material and workmanship for the duration of ownership by the original retail purchaser.

Merchandise must be shipped prepaid with a copy of proof of purchase to Escalade® Sports factory for examination to determine if the basketball system needs to be repaired or replaced. Any labor costs, travel expenses and any other changes involved in the removal, installation or replacement of the defective/repared parts from/to your Goalrilla™ System will be the purchaser's responsibility. Shipping charges for replaced or warranted merchandise sent back to the customer from Escalade® Sports factory must be prepaid by the customer in advance. If not, the replacement shipment will be sent out collect.

Escalade® Sports reserves the right to examine photographs or physical evidence of merchandise claimed to be defective, and to recover said merchandise, prior to authorization of warranty claims. A "Returned Goods Authorization" number may be required, please call for details prior to the return of any photographs or merchandise.

This limited lifetime warranty is expressly in lieu of all warranties, expressed or implied, including warranties of merchantability or fitness for use. Escalade® Sports does not assume or authorize any person or representative to assume for us, any other liability in connection with the sale of our products.

The remedy of repair or replacement stated above is Escalade® Sports exclusive remedy. Escalade® Sports will not be liable for any other damages or expenses which may incur, including but not limited to incidental or consequential damages. Escalade® Sports assumes no other obligations or liability on the part of the purchaser, and Escalade® Sports neither assumes nor authorizes any other person to assume for it any other liability in connection with the goods sold.

This warranty shall not apply in any manner to parts or accessories not manufactured by Escalade® Sports.

NOT COVERED BY THIS WARRANTY

- Merchandise not intended to be in places of public assembly, such as, but not limited to, schools, parks, public or private recreational facilities.
- Any merchandise subjected to Non-residential abuse, negligence, improper installation, vandalism, acts of God, alteration of product, or any other events beyond the control of Escalade® Sports.
- Paint or rusted parts. If rust should appear, remove loose paint, sand lightly, primer and paint with exterior flat matte finish enamel paint.
- Rims are not warranted for any defects other than workmanship. Torn back plates, damaged springs, bent rings, damaged eyebolts, and torn or distorted rim supports result from hanging on the rim and are not warranted.
- Shipping charges both ways. Note: Any merchandise shipped to Escalade® Sports collect will be refused.
- Dealer service charges, labor charges and travel expenses associated with replacement of repair of warranty item.

WARRANTY DISCLAIMERS: ANY IMPLIED WARRANTIES ARISING OUT OF THIS SALE, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION. ESCALADE® SPORTS SHALL NOT BE LIABLE FOR LOSS OF USE OF THE PRODUCT OR OTHER CONSEQUENTIAL OR INCIDENTAL COSTS. EXPENSES OR DAMAGES INCURRED BY THE CONSUMER OF ANY OTHER USE.

Some states do not allow the exclusion or limitation of implied warranties or consequential or incidental damages, so the above limitations or exclusions may not apply to you.

LEGAL REMEDIES: This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

WARRANTY GUIDELINES IS REQUIRED FOR ALL WARRANTY CLAIMS

1. Proof of Purchase (original retail purchaser) is required for all warranty claims.
 2. Call or write Escalade® Sports to receive a Return Authorization # and determine specific needs.
- Phone: 1-800-467-1421 / Warranty Dept.
Or Write Escalade® Sports at: Escalade® Sports - P.O. Box 889, Evansville, IN 47706 - Attn: Warranty Dept.
Or E-mail us at: customerservice@escaladesports.com